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Geometry

Write the number of edges. Then circle the figure that has the greater number of edges. If both figures have the same number of edges, do not circle anything.

1

2

3

4

Data Analysis and Probability

For 5 to 8, use the pictograph.

5 How many students chose lunch as their favorite meal?

6 How many more students chose dinner than chose breakfast?

7 How many students chose a favorite meal?

8 If 2 more students choose breakfast, how many symbols will there be for breakfast?
Algebra
Write the next five numbers in the pattern.

1. 2, 4, 6, 8, 10, ____, ____, ____, ____, ____
2. 4, 8, 12, 16, 20, ____, ____, ____, ____, ____
3. 5, 10, 15, 20, 25, ____, ____, ____, ____, ____
4. 3, 6, 9, 12, 15, ____, ____, ____, ____, ____
5. 10, 20, 30, 40, 50, ____, ____, ____, ____, ____

Measurement
Write the temperature shown on each thermometer.

6. °F
7. °F
8. °F
9. °F

10. °F
11. °F
12. °F
13. °F
Data Analysis and Probability

For 1 to 4, use the spinner. Name the outcome that is more likely.

1. landing on a 2 or landing on a 3
2. landing on an even number or landing on an odd number
3. landing on a number that is greater than 2 or landing on a number that is less than 3
4. landing on a 1 or a 2

For 5 and 6, use the bag of marbles. Name the outcome that is more likely.

5. picking a blue marble or picking a red marble
6. picking a red marble or picking a marble that is NOT red

Problem Solving

Use a strategy and solve.

7. Mia has a sheet of stamps. She wants to cut off 3 stamps so that they stay together. In how many different ways can she do it?

8. Draw 5 Xs on a tic-tac-toe grid so each column and each row have at least one open space.
Number and Operations

Find the sum.

1. \(3 + 8 = \) □
2. \(2 + 6 = \) □
3. \(4 + 5 = \) □
4. \(1 + 9 = \) □
5. \(7 + 3 = \) □
6. \(14 + 2 = \) □
7. \(7 + 7 = \) □
8. \(10 + 8 = \) □
9. \(11 + 5 = \) □
10. \(4 + 12 = \) □
11. \(9 + 9 = \) □
12. \(6 + 9 = \) □
13. \(12 + 7 = \) □
14. \(5 + 8 = \) □
15. \(16 + 4 = \) □
16. \(13 + 9 = \) □
17. \(8 + 7 = \) □
18. \(8 + 9 = \) □
19. \(18 + 7 = \) □
20. \(13 + 7 = \) □

Geometry

Write \(R\) under each cylinder and \(E\) under each cone.

21.
22.
23.
Algebra

For each array, some of the dots are hidden. Write the number of hidden dots.

1

2

3

4

5

6

Reasoning and Proof

Write a number sentence that can be used to answer the question. Then answer the question.

7

These dogs are in the park. Some more dogs come to the park. Now there are 11 dogs. How many more dogs come to the park?

8

These are Brenda’s CDs. Brenda gives some of her CDs to her sister. She has 7 left. How many CDs does she give to her sister?

9

For his math homework, Joseph has to make 4 more graphs. How many graphs does he have to make in all?
Number and Operations

Write addition and subtraction fact families for the set of numbers.

1. 3, 5, 8
   - __________
   - __________
   - __________

2. 4, 7, 11
   - __________
   - __________
   - __________

3. 7, 9, 16
   - __________
   - __________
   - __________

4. 6, 7, 13
   - __________
   - __________
   - __________

5. 9, 9, 18
   - __________
   - __________
   - __________

6. 9, 6, 15
   - __________
   - __________
   - __________

7. 8, 4, 12
   - __________
   - __________
   - __________

8. 8, 9, 17
   - __________
   - __________
   - __________

Problem Solving

Use a strategy and solve.

9. Matt has a total of 18 pens and pencils in his backpack. He has 8 more pens than pencils. How many pens does he have?
   - __________

10. Cara has two books. Together, the books have 110 pages. One book has 20 pages more than the other. How many pages are in the longer book?
    - __________

11. The sum of Vincent’s age and his father’s age is 40. His father is 24 years older than Vincent. How old is Vincent?
    - __________
Measurement

Write grams or kilograms to complete the sentence so that it makes sense.

1. A kitchen spoon has a mass of about 40 _________.
2. A math book has a mass of about 2 _________.
3. A necklace has a mass of about 30 _________.
4. A bathroom towel has a mass of about 300 _________.
5. A watermelon has a mass of about 6 _________.

For 6 to 8, use the fact that 1 kilogram = 1,000 grams.

6. If a book has a mass of 1 kilogram, how many grams will be the mass of 2 books? _________.
7. If a rabbit has a mass of 4 kilograms, how many grams will be the mass of 2 rabbits? _________.
8. If a blanket has a mass of 3 kilograms, how many grams will be the mass of 2 blankets? _________.

Problem Solving

Use a strategy and solve.

9. Ricardo has $20 in his bank account. Sam has $15 in his account. Ricardo deposits $2 each week. Sam deposits $3 each week. After how many weeks will the two friends have the same amount of money in the bank? How much money will they each have? Use the table that has been started for you.

<table>
<thead>
<tr>
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<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<tr>
<td>Ricardo</td>
<td>$20 + $2 = $22</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sam</td>
<td>$15 + $3 = $18</td>
<td></td>
<td></td>
<td></td>
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### Number and Operations

Write an addition, subtraction, or multiplication sentence using the three numbers.

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<td>2</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>2, 5, 7</td>
<td>6</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>1, 7, 7</td>
<td>10</td>
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### Data Analysis and Probability

For 13 to 16, use the bar graph. The graph shows how many times each color of card was picked from a pile of cards.

13 Which color is probably the color of the fewest cards? 
14 Which color is most likely to be picked? 
15 How many times were cards picked? 
16 Which color seems to be twice as likely as red to be picked?
Measurement

Write the time shown on each clock. Use the words before and after to tell the time.

1

2

3

4

5

6

Number and Operations

Find the sum.

7 + 6 =  
8 + 10 =  
9 + 8 =  
10 + 12 =  
11 + 5 =  
12 + 7 =  
13 + 7 =  
14 + 6 =  

Chapter 2  
Spiral Review Book  
SR9
Algebra

Solve each word problem.

1. There are 9 balls in all. How many are behind the wall?

2. There are 11 balls in all. How many are behind the wall?

Find the missing number.

3. $6 + \underline{\hspace{1cm}} = 9$
4. $8 + \underline{\hspace{1cm}} = 12$
5. $2 + \underline{\hspace{1cm}} = 7$

6. $1 + \underline{\hspace{1cm}} = 10$
7. $4 + \underline{\hspace{1cm}} = 13$
8. $7 + \underline{\hspace{1cm}} = 12$

Data Analysis and Probability

Use the graph for 9 and 10.

Number of Dogs Students Own

<table>
<thead>
<tr>
<th>Grade</th>
<th>Dogs</th>
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<tbody>
<tr>
<td>First Grade</td>
<td>🐶</td>
</tr>
<tr>
<td>Second Grade</td>
<td>🐶</td>
</tr>
<tr>
<td>Third Grade</td>
<td>🐶</td>
</tr>
<tr>
<td>Fourth Grade</td>
<td>🐶</td>
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Key: Each 🐶 = 4 dogs. Each 🐶 = 2 dogs.

9. How many more dogs do fourth graders own than third graders?

   ________ dogs

10. List the grades in order from smallest to largest number of dogs owned.

   _____________________________

   _____________________________
Number and Operations
Find the sum or difference.

1. 7 + 4 = ____
2. 12 − 5 = ____
3. 3 + 8 = ____

4. 6 + 9 = ____
5. 11 − 3 = ____
6. 6 − 2 = ____

7. 9 + 8 = ____
8. 16 − 7 = ____
9. 15 − 6 = ____

Geometry
Tell how the two figures are alike and different.

alike: ____________________________

______________________________
______________________________
______________________________

different: ________________________

______________________________
______________________________
______________________________
Data Analysis and Probability

Use the bar graph for 1 to 4.

1. On which day did the largest number of students bring lunch?

2. On which day did 20 students bring lunch?

3. How many more students brought lunch on Wednesday than on Friday?

4. On which two days did a total of 25 students bring lunch?

Number and Operations

Write the subtraction sentence shown on the number line.

5. ____________

6. ____________

7. ____________

SR12  Spiral Review Book            Chapter 2
## Algebra

Find the missing operation or missing number to make each number sentence true.

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<td>7 + □ = 11</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>7 □ 3 = 10</td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>6 + □ = 12</td>
<td>8</td>
</tr>
<tr>
<td>10</td>
<td>□ + 12</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>□ + 19</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>□ + 15</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td>□ − 7</td>
<td></td>
</tr>
</tbody>
</table>

## Measurement

Measure each line segment to the nearest inch.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>11 in.</td>
<td>17</td>
</tr>
</tbody>
</table>
Data Analysis and Probability

Use the bar graph for 1 to 4.

1. How many students ride a bus or walk to school?

2. How many students do not walk to school?

3. How many more students ride a bus to school than walk to school?

4. One student moves and switches to a different bus. Now the same number of students ride two different buses. Which two buses now have the same number of students?

Algebra

Start at the bottom of the column. Fill in the missing numbers for each pattern.

5. 30
   20
   10

6. 20
   60
   5

7. 10
   20
   2

8. 9
   3

Spiral Review

Lesson 6
Geometry

Write the number of faces for the three-dimensional figure.

1. ____ faces
2. ____ faces
3. ____ faces
4. ____ faces
5. ____ faces
6. ____ faces

Problem Solving

7. Write a story problem that can be solved by finding the sum of 27 and 12.

__________________________
__________________________

8. Write a story problem that can be solved by finding the difference between 34 and 22.

__________________________
__________________________
Number and Operations

Find the missing numbers.

1. 17, 18, 19, ____, 21, 22, 23, ____, 25, 26, ____, 28, 29, ____, ____
2. 44, 46, ____, ____, 52, 54, 56, ____, ____, ____, 64, 66, 68, ____, ____, ____
3. 3, 6, 9, ____, 15, 18, ____, 24, ____, ____, 33, 36, ____, ____, 45, ____
4. 6, 12, 18, ____, 30, ____, ____, 48, ____, 60, ____, 72
5. 10, 20, ____, 40, ____, ____, ____, ____, ____, ____, ____, ____
6. 130, 140, 150, ____, ____, 180, ____, 200, ____, ____, ____

Geometry

Is the dashed line a line of symmetry? Circle Yes or No.

7. Yes  No  8. Yes  No  9. Yes  No

Draw all the lines of symmetry for each figure. If there are no lines of symmetry, write none.

10. 11. 12.
Data Analysis and Probability

Choose the letter with the more likely outcome.

1. With one spin, get
   A. an even number.
   B. a number less than 3.

2. With one pick, get
   A. a red marble.
   B. a green marble.

3. Toss all the pennies at the same time. Get
   A. all heads.
   B. some heads and some tails.

Algebra

Write the next 3 numbers in each pattern.

4. 2, 4, 6, 8, 10, 12, ___, ___, ___
5. 3, 6, 9, 12, 18, ___, ___, ___
6. 5, 10, 15, 20, 25, ___, ___, ___
7. 8, 16, 24, 32, 40, ___, ___, ___

Continue each pattern. Then circle all the numbers that are in both patterns.

8. 4, 8, 12, 16, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___
    5, 10, 15, 20, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___

9. 3, 6, 9, 12, 15, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___
    5, 10, 15, 20, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___, ___
Measurement

Complete the table. Use the information and pictures below to help you.

1 pint = 2 cups
1 quart = 4 cups
1 quart = 2 pints
1 gallon = 4 quarts

1 cup 1 pint 1 quart 1 gallon

<table>
<thead>
<tr>
<th>Cups</th>
<th>4</th>
<th>8</th>
<th>12</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pints</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cups</th>
<th>8</th>
<th>12</th>
<th>20</th>
<th>32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarts</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quarts</th>
<th>12</th>
<th>16</th>
<th>24</th>
<th>36</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallons</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Number and Operations

Write the addition sentence shown on the number line.

0 1 2 3 4 5 6 7 8 9 10

5

6

7

SR18 Spiral Review Book
Geometry

Write the number of sides and corners for each figure.

1

Sides _____
Corners _____

2

Sides _____
Corners _____

3

Sides _____
Corners _____

4 Sort the figures below into two groups by looking for ways the figures are alike. Write how you sorted the figures.

A B C D E F G

Problem Solving

Use the numbers 3, 7, and 10, to complete the problem.

Carmen is _____ years older than Jasmine. Carmen
is _____ years old. Jasmine is _____ years old.
Problem Solving
1 Continue the pattern. Write the number of intersections for the fourth, fifth, and sixth diagrams.

```
+   #   #
```

Algebra
Solve. Are the missing numbers in each pair the same? Circle Yes or No.

2 $9 + \square = 16$ $16 - \square = 7$ Yes No

3 $\square - 5 = 12$ $5 + 12 = \square$ Yes No

4 $15 - 9 = \square$ $9 + 6 = \square$ Yes No

Number and Operations
Find the missing numbers in the addition puzzle.

5

```
<table>
<thead>
<tr>
<th></th>
<th>7</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>25</td>
</tr>
</tbody>
</table>
```

6

```
<table>
<thead>
<tr>
<th></th>
<th>9</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>20</td>
</tr>
</tbody>
</table>
```

7

```
<table>
<thead>
<tr>
<th></th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>
```

8

```
<table>
<thead>
<tr>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>27</td>
</tr>
</tbody>
</table>
```

Spiral Review
Lesson 1
Algebra

Write the number that makes each number sentence true.

1. \[5 + _____ = 10\]
2. \[8 + _____ = 10\]
3. \[_____ + 6 = 10\]
4. \[_____ + 3 = 10\]
5. \[_____ + 3 + 2 = 10\]
6. \[_____ + 1 + 4 = 10\]

Number and Operations

Use the number line to complete each number sentence.

7. \[12 + _____ = 16\]
8. \[_____ + 3 = 25\]
9. \[27 + 5 = _____\]
10. \[61 + 5 = _____\]
11. \[71 + _____ = 74\]
12. \[_____ + 4 = 81\]

Problem Solving

Use a strategy and solve.

13. Mina and Tim have 43 pencils altogether. Mina has 21 pencils. How many pencils does Tim have?

14. There are 15 boys and 16 girls in Room A. How many students are in Room A?
Algebra

Use the number line to continue the pattern.

1. 0, 3, 6, 9, 12, _____, _____, _____

   ![Number Line 1]

2. 0, 4, 8, 12, 16, _____, _____

   ![Number Line 2]

Measurement

Measure each line segment to the nearest centimeter.

3. __________

4. __________

5. __________

6. __________

Number and Operations

Write two multiplication sentences for each array.

7. \[ \text{Array 1} \]

8. \[ \text{Array 2} \]

9. \[ \text{Array 3} \]
Data Analysis and Probability

List all the two-digit numbers that have a tens digit from the circle and a ones digit from the box. Answer the question.

1️⃣ 7, 6

4️⃣ 9

How many combination of two-digit numbers are there? _____

How many different outfits can be made?

2️⃣ 1 coat and 5 hats

3️⃣ 8 shirts and 3 sweaters

Number and Operations

Complete each multiplication sentence. Then find the sum of the tiles in the parts to complete the multiplication sentence for the big array.

4️⃣ A: 5 × 4 = ___

B: 2 × 4 = ___

C: 5 × 2 = ___

D: 2 × 2 = ___

A + B + C + D = ___

7 × 6 = ___

5️⃣ R: 3 × 2 = ___

S: 6 × 2 = ___

T: 3 × 3 = ___

U: 6 × 3 = ___

R + S + T + U = ___

9 × 5 = ___
Measurement

Circle the best estimate of the weight.

1 bicycle

2 25 oz

2 scissors

2 2 oz

2 washing machine

2 2 lb

2 200 oz

2 200 lb

Number and Operations

Write the number sentence shown on each number line.

4

5

Problem Solving

Use a strategy and solve. Estimate and measure the length of the design.

6

Estimate: ______ inches

Measurement: ______ inches
Geometry

Circle the best word.

The figures are the same size and shape. They are _____.
congruent  similar

The figures are the same shape. They are _____.
congruent  similar

Tell whether the figures appear to be congruent, similar, both, or neither.

Number and Operations

Write the number for each letter.
Reasoning and Proof

Find the number of items in each shape. Write a number sentence and find the sum.

1
\[
\begin{array}{c}
\spadesuit \spadesuit \spadesuit \\
\heartsuit \heartsuit \heartsuit \\
\square + \bigcirc = \triangle
\end{array}
\]

2
\[
\begin{array}{c}
\spadesuit \spadesuit \spadesuit \spadesuit \\
\bullet \bullet \bullet \bullet \\
\square + \bigcirc = \triangle
\end{array}
\]

Problem Solving

Use a strategy and solve.

3 Lila can choose an apple or a pear for lunch. Each fruit can be red, yellow, or green. How many different fruits can she choose from?

Algebra

Write the missing numbers in the pattern

4 2, 4, 6, 8, 10, ______, 14, 16, ______, 20

5 5, 10, 15, 20, ______, 30, 35, 40, ______, 50

6 12, 15, 18, ______, 24, ______, 30, ______, 36, ______

SR26 Spiral Review Book
**Measurement**

Write one second, one minute, or one hour to tell about how long it takes to do each activity.

1. Write your name and address. ________________________________

2. Jump up and down one time. ________________________________

3. Listen to a CD. ________________________________

**Problem Solving**

Continue the pattern. Use a strategy and solve.

4. 1, 5, 9, 13, ______, ______, ______

5. 34, 31, 28, 25, ______, ______, ______

**Data Analysis and Probability**

For 6 and 7, use the line graph.

6. On which days was the phone used more than 50 minutes?

   ________________________________

7. How many minutes was the phone used during the week?

   ______ minutes
Number and Operations

Estimate the sum or difference.

1. \[49 + 73\]
2. \[67 + 81\]
3. \[18 + 51\]
4. \[-703 - 421\]
5. \[25 + 46\]
6. \[56 - 19\]
7. \[88 - 46\]
8. \[17 + 95\]
9. \[90 - 62\]
10. \[71 - 53\]
11. \[82 + 31\]
12. \[66 + 76\]
13. \[279 + 302\]
14. \[698 - 187\]
15. \[412 - 209\]
16. \[727 + 113\]

Geometry

Draw a line from A to B. Then write the names of the two new polygons that you made.

17. 
18. 
19. 
20. 

SR28 Spiral Review Book
Number and Operations

Fill in the missing numbers on the number line.

1

\[0 \quad 3 \quad \square \quad 9 \quad 15 \quad \square \quad 24 \quad \square \quad 30\]

2

\[0 \quad 5 \quad 10 \quad \square \quad 25 \quad \square \quad 35 \quad 40 \quad \square \quad 50\]

3

\[0 \quad 10 \quad 20 \quad \square \quad 50 \quad \square \quad 70 \quad 80 \quad \square \quad 100\]

4

\[60 \quad 70 \quad 80 \quad \square \quad 110 \quad 120 \quad \square \quad 140 \quad 150 \quad \square\]

Measurement

Choose the best unit to measure the length. Write inches, feet, or yards.

5 length of a football field

6 length of a sheet of paper

7 height of a man

8 length of a pet hamster

9 length of the classroom

10 height of a door

11 height of a cat

12 length of a bicycle
Algebra

Write the sum for the magic square. Then fill in the missing number.

1. \[
\begin{array}{ccc}
8 & 1 & 6 \\
3 & 7 & \\
4 & 9 & 2
\end{array}
\]
Sum: 

2. \[
\begin{array}{ccc}
16 & 8 & \\
12 & 20 & 28 \\
32 & 4 & 24
\end{array}
\]
Sum: 

3. \[
\begin{array}{ccc}
21 & 6 & \\
24 & 18 & 12 \\
9 & 30 & 15
\end{array}
\]
Sum: 

Data Analysis and Probability

List all the two-digit numbers you can make from the tens and ones digits. Then complete the multiplication sentence to show how many numbers you can make.

7. \[
\begin{array}{cc}
\text{Tens} & \text{Ones} \\
5, 6 & 1, 4, 7
\end{array}
\]
\[
\square \times \square = \square \text{ numbers}
\]

8. \[
\begin{array}{cc}
\text{Tens} & \text{Ones} \\
1, 4, 9 & 2, 3, 5
\end{array}
\]
\[
\square \times \square = \square \text{ numbers}
\]
Number and Operations

Estimate the sum or difference.

1 34
+ 68

2 49
+ 72

3 28
+ 67

4 98
+ 15

5 80
- 42

6 72
- 14

7 55
- 36

8 97
- 68

9 44
+ 34

10 90
- 23

11 77
+ 57

12 45
- 27

Problem Solving

Use a strategy and solve.

Wayne is building a fence around his garden. The garden is shaped like a rectangle. It is 30 feet long and 20 feet wide. If Wayne puts a fence post at every corner and another post every 2 feet, how many posts will he need in all?

One half of the students in Delia’s class ride the bus to school. One third of them walk. The rest are driven by a family member. Write the ways students come to school in order from least to greatest.

Sam draws a square measuring 4 inches on each side. He draws a smaller square measuring 1 inch on each side. How many of the smaller squares could exactly cover the larger square?
Number and Operations

Write a multiplication sentence to show the number of intersections.

1. ❏
2. ❏
3. ❏

Every east-west road in a town intersects every north-south road. Find the number of north-south roads in the town.

4. There are 10 intersections and 2 east-west roads.
5. There are 12 intersections and 3 east-west roads.
6. There are 14 intersections and 2 east-west roads.

Data Analysis and Probability

For 7 and 8, use the line graph.

7. On which two days were the same number of students absent?

8. What was the largest number of students absent on one day? Which day was that?
Algebra

Some of the dots in the array are hidden. Complete the multiplication sentence for the array. Then write the number of dots that are hidden.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

\[3 \times \square = 15\]

Hidden: \[\square\]

\[3 \times \square = 9\]

Hidden: \[\square\]

\[4 \times \square = 24\]

Hidden: \[\square\]

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

\[3 \times \square = 12\]

Hidden: \[\square\]

\[3 \times \square = 12\]

Hidden: \[\square\]

\[3 \times \square = 18\]

Hidden: \[\square\]

Measurement

Fill in the table, using the fewest possible coins for each amount.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Dimes</th>
<th>Nickels</th>
<th>Pennies</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>29¢</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>41¢</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>57¢</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>83¢</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>66¢</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>98¢</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Geometry

Write the number of vertices for the three-dimensional figure.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 

Reasoning and Proof

Solve the puzzle to find the mystery number.

10. I am less than $5 \times 6$.
    I am a multiple of 4.
    My tens digit is 2 less than my ones digit.

11. I am greater than $8 \times 4$.
    I am less than $5 \times 10$.
    I am a multiple of 6.
    My tens digit is greater than my ones digit.

SR34 Spiral Review Book

Chapter 4
Number and Operations

Write a multiplication sentence for the number of intersections shown.

1. [Grid with 4 rows and 3 columns]
   
   ______

2. [Grid with 5 rows and 2 columns]
   
   ______

3. [Grid with 6 rows and 1 column]
   
   ______

Draw all possible maps for the number of intersections shown.

4. 12 intersections ________________________________

5. 9 intersections ________________________________

6. 7 intersections ________________________________

7. 16 intersections ________________________________

Geometry

Write B if the statement describes both figures. Write N if it does not describe either figure.

8. The figure has at least one flat surface. [Cylinder]
   
   [ ]

9. The figure is made up of polygons. [Cone]
   
   [ ]

10. The figure has no edges. 

Chapter 5
Measurement

Fill in the table to show how you would make each amount of money using the fewest coins.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Quarters</th>
<th>Dimes</th>
<th>Nickels</th>
<th>Pennies</th>
</tr>
</thead>
<tbody>
<tr>
<td>27¢</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>73¢</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>98¢</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19¢</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Data Analysis and Probability

For 5–7, use the pictograph. It shows how many inches of snow fell in Midland last winter.

<table>
<thead>
<tr>
<th>HOW MUCH DID IT SNOW?</th>
</tr>
</thead>
<tbody>
<tr>
<td>December</td>
</tr>
<tr>
<td>January</td>
</tr>
<tr>
<td>February</td>
</tr>
<tr>
<td>March</td>
</tr>
</tbody>
</table>

Key: Each 🕋 = 2 inches of snow.

5 How many inches of snow fell during January? ______________________

6 How many more inches fell during December than during March? ______________________

7 During which month did exactly 1 foot of snow fall? (1 foot = 12 inches) ______________________
Algebra

Write the next three places the arrows will land if the pattern continues.

1

2

3

Problem Solving

Use a strategy and solve.

4 The snack machine takes nickels, dimes, and quarters. In how many different ways can you pay for a snack that costs 45¢?

5 Jack can take a trip during winter break, spring break, or the summer. He can go to a museum or to a theme park during the trip. How many combinations of a time and a place does Jack have to choose from?

6 After school, Brianna lines up her books on a shelf. She has a math book, a social studies book, a science book, and a language book. In how many different ways can she line them up on her shelf?
Number and Operations
Tell whether the base-ten blocks match the number. Write Yes or No.

1. 74

2. 127

3. 108

4. 125

Measurement
Write the time shown on the clock.

5. 11:05

6. 10:30

7. 9:30
Problem Solving

Use a strategy and solve.

1. There are 7 more girls than boys in Holly’s class. There are 25 students in all. How many girls and boys are in the class?

2. In the school store, pens cost 15¢ each, and pencils cost 8¢ each. Kate spends 61¢ on pens and pencils. What does she buy?

3. Zach pays for lunch with quarters and dimes. His lunch costs $2.65. What is the smallest number of coins he could have used to pay the exact amount?

4. Shawna weighs an apple and an orange. Together they weigh 15 ounces. The apple weighs 3 ounces more than the orange. What is the weight of each?

Reasoning and Proof

Use the clues to find the mystery two-digit number.

5. I am less than \(3 \times 10\).
   I am greater than \(3 \times 5\).
   My tens digit is the same as my ones digit.
   I am an even number.

6. I am not an even number.
   My ones digit is 5 greater than my tens digit.
   I am a multiple of 3.
   I am less than \(6 \times 5\).
Geometry
Write Yes if the line is a line of symmetry. Write No if it is not.

1
2
3

Draw a line of symmetry for each shape.

4
5
6

Measurement
Write the length of the line to the nearest centimeter.

7
8
9
10
Number and Operations

Write each number in the place-value chart. Then use > to compare the numbers.

1. 8,652 and 8,625

<table>
<thead>
<tr>
<th>Thousands</th>
<th>Hundreds</th>
<th>Tens</th>
<th>Ones</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. 9,079 and 9,081

<table>
<thead>
<tr>
<th>Thousands</th>
<th>Hundreds</th>
<th>Tens</th>
<th>Ones</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. 6,913 and 6,899

<table>
<thead>
<tr>
<th>Thousands</th>
<th>Hundreds</th>
<th>Tens</th>
<th>Ones</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Problem Solving

Use a strategy and solve.

4. Mr. James is taking medicine every 4 hours for a cold. If he started taking the medicine at 8:00 A.M., what is the last time he will take it today if he goes to sleep at 10:00 P.M.?
Geometry

Describe the figure by writing the number of faces, vertices, and edges. Then write the number of faces that are rectangles.

1

Faces
Vertices
Edges
Rectangles

2

Faces
Vertices
Edges
Rectangles

3

Faces
Vertices
Edges
Rectangles

4

Faces
Vertices
Edges
Rectangles

5

Faces
Vertices
Edges
Rectangles

6

Faces
Vertices
Edges
Rectangles
## Algebra

Write the missing sign or the missing number.

1. \(3 + \boxed{} = 9\)
2. \(10 - \boxed{} = 4\)
3. \(7 \boxed{} 5 = 12\)

4. \(2 + 3 = 9\)
5. \(8 \boxed{} 2 = 13 - 3\)
6. \(2 + 2 = 6\)

7. \(9 + 5 = \boxed{}\)
8. \(5 + 6 = 12\)
9. \(11 - 4 = 9 - \boxed{}\)

10. \(10 \boxed{} 3 = 8 + 5\)
11. \(3 \boxed{} 2 = 7\)
12. \(5 + \boxed{} = 11 - 3\)

13. \(8 \boxed{} 4 = 1\)
14. \(10 - 8 = 13 - \boxed{}\)
15. \(14 + \boxed{} = 9 + 6\)

16. \(10 - 3 = \boxed{} + 4\)
17. \(6 \boxed{} 4 = 8\)
18. \(9 - \boxed{} = 12 - 7\)

## Measurement

Circle the container that has the greater capacity.

19. [1 cup](#)  [12 ounces](#)  [1 quart](#)  [\(\frac{1}{2}\) gallon](#)

20. [8 gallons](#)  [10 quarts](#)  [1 gallon](#)  [1 quart 1 quart](#)
Number and Operations

Estimate the sum.

1. 26 + 98
2. 49 + 72
3. 22 + 53
4. 281 + 509

5. 168 + 429
6. 311 + 693
7. 904 + 185
8. 633 + 81

9. 559 + 187
10. 343 + 262
11. 806 + 705
12. 934 + 69

13. 88 + 920
14. 611 + 299
15. 880 + 964
16. 595 + 931

Problem Solving

Use a strategy and solve.

17. Ken uses small cubes like this one to make a larger cube.

What is the smallest number of small cubes he needs to make a larger cube? __________

18. Mallory folded a rectangular sheet of paper in half. She folded it in half again, and then half one more time. When she unfolded the paper, she shaded four of the sections created by the creases. What fraction of the paper did she shade? __________
Number and Operations

Write the number of intersections.

1

2

3

4

5

6

Problem Solving

Use a strategy and solve.

7 Sara put one paper clip at each end of a string and one every 2 feet. The string was 10 feet long. How many paper clips did she use?

8 Andy, Sam, and Kara are in line at the movies. In how many different ways can they stand in line?

9 A carpenter cuts a board into 3 equal pieces. Then he cuts each piece in half. How many cuts does he make in all?
Algebra

Fill in the missing number to make a true number sentence.

1. \[ \_ + \_ = \_ \]
2. \[ \_ + \_ = \_ \]
3. \[ \_ + \_ = \_ \]

4. \[2 + \_ = 7\]
5. \[\_ + 6 = 10\]
6. \[\_ + 5 = 9\]

7. \[6 + \_ = 9\]
8. \[8 + \_ = 11\]
9. \[2 + \_ = 9\]

Geometry

Write the number of vertices.

10. 

11. 

12. 

13. 

14. 

15. 

SR46  Spiral Review  Chapter 6
Number and Operations

Use the number line to complete the number sentence.

1. \[3 + \underline{} = 10\]

2. \[22 + \underline{} = 30\]

3. \[66 - \underline{} = 57\]

Data Analysis and Probability

For 4 and 5, use the graph.

4. If Sam drove 3 miles, how many more miles would he have left to drive?

5. If Sam drove 6 miles, how many more miles would he have left to drive?
Measurement

Circle the container with the larger capacity.

1

2

Problem Solving

Use a strategy and solve.

3 Danny cuts 5 inches from a piece of string. He cuts the remaining string into 4 equal pieces of 3 inches. How long was the piece of string before Danny cut it?

4 After the class party, 7 prizes were left. The students won 18 prizes and gave away 2 prizes. How many prizes were there when the party started?

Reasoning and Proof

Use $Q$ for quarter, $D$ for dime, $N$ for nickel, and $P$ for penny. Draw the fewest coins for each amount.

5 44¢

6 57¢

7 82¢

8 97¢
Number and Operations

Draw a map for each number of intersections. Then write the multiplication sentence for the map. The first map is drawn.

1. 14 intersections

   \[ \underline{} \times \underline{} = 14 \]

2. 27 intersections

   \[ \underline{} \times \underline{} = 27 \]

3. 21 intersections

   \[ \underline{} \times \underline{} = 21 \]

4. 11 intersections

   \[ \underline{} \times \underline{} = 11 \]

Geometry

5. Circle each cylinder. Draw a box around each cone.
Algebra

Write the missing numbers.

1. 2, 4, _____, 8, _____, 12, 14, _____, _____, 20, 22
2. 3, 6, 9, _____, _____, 18, _____, 24, _____, 30
3. 4, _____, _____, 16, 20, _____, 28, _____, 36, _____
4. 5, 10, _____, _____, 30, _____, _____, 45, _____
5. 34, 32, _____, 28, _____, _____, _____, 20, _____, 16, 14, _____

Problem Solving

Use a strategy and solve.

6. The Ice Cream Shop has 3 ice cream flavors and 2 types of toppings. How many different combinations of 1 flavor and 1 topping are there? _____
7. Morgan is making a secret code using the digits 1, 3, 5, and 8. How many different four-digit numbers can she make using those digits? _____

Reasoning and Proof

Solve each riddle.

8. I am a two-digit number.
   My tens digit is 3 times my ones digit.
   The sum of my digits is 12.
   What number am I? _____
9. I am a two-digit number.
   My ones digit is greater than my tens digit.
   My ones digit is 4 times my tens digit.
   The sum of my digits is 10.
   What number am I? _____
Number and Operations

Find the missing numbers in each magic square. Then find the special sum for each magic square.

1
\[
\begin{array}{ccc}
2 & 9 & 4 \\
7 & 5 & 3 \\
6 & 1 & \ \\
\end{array}
\]

2
\[
\begin{array}{ccc}
8 & 4 & \ \\
6 & 10 & 14 \\
16 & 2 & 12 & \ \\
\end{array}
\]

3
\[
\begin{array}{ccc}
7 & 2 & \ \\
8 & 4 & \ \\
3 & 10 & 5 & \ \\
\end{array}
\]

Special Sum _____  
Special Sum _____  
Special Sum _____

4
\[
\begin{array}{ccc}
0 & 7 & \ \\
6 & 4 & \ \\
1 & 8 & 3 & \ \\
\end{array}
\]

5
\[
\begin{array}{ccc}
18 & 4 & \ \\
8 & 12 & 16 & \ \\
10 & 6 & \ \\
\end{array}
\]

6
\[
\begin{array}{ccc}
6 & 13 & 8 & \ \\
9 & 7 & \ \\
10 & 5 & \ \\
\end{array}
\]

Special Sum _____  
Special Sum _____  
Special Sum _____

Measurement

Choose the better unit of measure. Write *ounces* or *pounds*.

7 A drinking glass weighs about 8 ____________.

8 A lamp weighs about 4 ____________.

9 A textbook weighs about 3 ____________.

10 A small notebook weighs about 9 ____________.

11 A sandwich weighs about 7 ____________.

12 A large flower pot weighs about 5 ____________.

Chapter 6
Number and Operations
Estimate the sum or difference.

1. 27 + 49
   76

2. 31 + 62
   93

3. 83 + 22
   105

4. 79 − 51
   28

5. 118 + 236
   354

6. 372 − 121
   251

7. 801 − 693
   108

8. 44 + 85
   129

9. 94 − 53
   41

10. 772 − 305
    467

11. 618 + 281
    909

12. 381 − 125
    256

Geometry
Write the number of faces that are triangles.

13. __________

14. __________

15. __________

16. __________

17. __________

18. __________
Algebra

For 1 to 4, use the graph.

1. How much does one pencil cost?
   __________

2. How many pencils can you buy for 30¢?
   __________

3. How much do 3 pencils cost?
   __________

4. What is the largest number of pencils you can buy for less than $1?
   __________

Measurement

Write the total amount for each.

5. __________

6. __________

7. 7 ounces  5 ounces
Number and Operations

Write each number in standard form.

1. \(8,000 + 600 + 10 + 3\) ________
2. \(20,000 + 3,000 + 500 + 90 + 2\) ________
3. \(100,000 + 90,000 + 2,000 + 700 + 1\) ________

Write each number in expanded form.

4. \(12,236\) ____________________________
5. \(23,084\) ____________________________
6. \(115,926\) ____________________________
7. \(9,170\) ____________________________

Data Analysis and Probability

Use the sandwich shop menu. Find the number of different combinations.

<table>
<thead>
<tr>
<th>Sandwiches</th>
<th>Salads</th>
<th>Drinks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkey</td>
<td>Green salad</td>
<td>Orange juice</td>
</tr>
<tr>
<td>Tuna</td>
<td>Fruit salad</td>
<td>Grape juice</td>
</tr>
<tr>
<td>Ham</td>
<td></td>
<td>Apple juice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Water</td>
</tr>
</tbody>
</table>

8. Combinations of sandwiches and salads ______
9. Combinations of sandwiches and drinks ______
10. Combinations of salads and drinks ______
Spiral Review
Lesson 1
Number and Operations

Find the difference.

<table>
<thead>
<tr>
<th></th>
<th>19 – 12 = ____</th>
<th>46 – 15 = ____</th>
<th>33 – 21 = ____</th>
<th>29 – 13 = ____</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>42 – 31 = ____</td>
<td>50 – 29 = ____</td>
<td>84 – 37 = ____</td>
<td>73 – 49 = ____</td>
</tr>
<tr>
<td>3</td>
<td>102 – 79 = ____</td>
<td>139 – 58 = ____</td>
<td>91 – 68 = ____</td>
<td>111 – 74 = ____</td>
</tr>
<tr>
<td>4</td>
<td>113 – 27 = ____</td>
<td>125 – 76 = ____</td>
<td>73 – 38 = ____</td>
<td>132 – 64 = ____</td>
</tr>
</tbody>
</table>

Reasoning and Proof

Use the clues to find the mystery number.

17. The number is greater than 40 but less than 50.
   The number is an even number.
   The digit in the tens place is twice the digit in the ones place.
   The sum of the digits is 6.

18. The number is greater than 30 but less than 40.
   The number is an odd number.
   The digit in the ones place is 2 more than the digit in the tens place.

19. The number is greater than 50 but less than 80.
   You say the number when you count by fives.
   The sum of the digits is 11.

20. The number is greater than 10 but less than 30.
    The number is an even number.
    You say the number when you count by threes.
    The sum of the digits is 9.
Algebra

Complete the Find a Rule cards. Then name a rule.

1. Complete the following Find a Rule cards:

   **FRONT** | **BACK**
   --- | ---
   2 | 6
   5 | 9
   10 | 14
   6 | 10
   3 | 1
   9 | 3
   0 | 9

2. Complete the following Find a Rule cards:

   **FRONT** | **BACK**
   --- | ---
   2 | 8
   5 | 20
   4 | 16
   6 | 24
   1 | 3
   3 | 5

3. Complete the following Find a Rule cards:

   **FRONT** | **BACK**
   --- | ---
   ♥♥♥♥♥ | 1
   ♥♥♥♥♥♥♥ | 4
   ♥♥♥♥♥ | 2
   ♥♥♥♥♥♥♥ | 5
   ♥♥♥♥♥ | 9

Geometry

Write the number of faces in the figure for each shape.

4. **___** squares

5. **___** rectangles

6. **___** squares
   **___** triangles

7. **___** rectangles

8. **___** triangles
   **___** rectangles

9. **___** triangles
Measurement

Write the sum using the fewest units. You may use units not listed (for example, dollars). If the sum is already written using the fewest units, write fewest units.

1. 2 weeks + 7 days
2. 20 pennies + 1 nickel
3. 1 hour + 3 minutes
4. 12 pennies + 8 pennies
5. 1 day + 5 hours
6. 2 quarters + 2 quarters
7. 2 minutes + 10 seconds
8. 15 days + 13 days
9. 3 dimes + 2 nickels

Problem Solving

Use a strategy and solve.

10. Barry and Andre played a game two times. In the first game, Barry scored 294 points. In the second game, he scored 302 points. Andre scored a total of 59 points more than Barry. What was Andre’s total score?

11. Lucia pays 89¢ for each of two snacks. She also pays 79¢ for each of two drinks. She has only $1 bills. What is the smallest number of $1 bills Lucia can use to pay for everything?
Number and Operations

Write the number of squares or dots in the array.

1

2

3

4

5

6

7

Problem Solving

Use a strategy and solve.

3 The class is playing “Guess the Pattern.” What are the next three numbers in this pattern?

5, 9, 13, 17, 21 . . .

Fun Shoes is having a sale. The first pair of shoes costs $35. Each pair after that costs $20. If a family buys 5 pairs of shoes, how much will they pay?

SR58 Spiral Review Book Chapter 7
Number and Operations

Match the numbers to the letters.

1. 57, 51, 64

A B C

A =  

B =  

C =  

2. 93, 106, 98

A B C

A =  

B =  

C =  

3. 168, 152, 160, 174

A B CD

A =  

B =  

C =  

D =  

Data Analysis and Probability

List all the possible ways to have 22¢ using coins.

4. 22¢
**Algebra**

Describe the pattern of the shaded numbers.

1. 

<table>
<thead>
<tr>
<th></th>
<th>70</th>
<th>71</th>
<th>72</th>
<th>73</th>
<th>74</th>
<th>75</th>
<th>76</th>
<th>77</th>
<th>78</th>
<th>79</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>61</td>
<td>62</td>
<td>63</td>
<td>64</td>
<td>65</td>
<td>66</td>
<td>67</td>
<td>68</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>51</td>
<td>52</td>
<td>53</td>
<td>54</td>
<td>55</td>
<td>56</td>
<td>57</td>
<td>58</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>41</td>
<td>42</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>48</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td>39</td>
<td></td>
</tr>
</tbody>
</table>

**Measurement**

Complete the sentence.

3. It takes ____ cups to equal 1 pint.

4. It takes ____ pints to equal 1 quart.

5. It takes ____ cups to equal 1 quart.

6. It takes ____ quarts to equal 1 gallon.

**SR60** Spiral Review Book

Chapter 7
Number and Operations

Write the letter of the array that shows the same multiplication fact.

A

B

C

D

E

F

1

2

3

4

5

6

Measurement

Write the value of the set of coins.

7

8

9

10

11
Algebra

Use the picture of part of the Number Line Hotel to answer the question.

1. What type of move changes the tens digit but not the ones digit?

2. Look at the row that begins with 40. What changes and what stays the same for the numbers in that row?

3. How can you use the Number Line Hotel to help find $34 + 12$?

Problem Solving

Use a strategy and solve.

4. Douglas ties knots in a 10-foot rope. He makes a knot at each end and knots that are about 1 foot apart. How many knots does he make?

5. How many different polygons can Maria make by matching the sides of the two triangles shown below? Draw and name them.
Measurement

Write the amount using only the smaller unit.

1. 1 week and 4 days
2. 2 hours and 10 minutes
3. 4 dimes and 7 pennies
4. 2 days and 2 hours
5. 4 quarters and 2 dimes
6. 5 minutes and 20 seconds

Data Analysis and Probability

How many two-digit numbers can be made?
Complete the sentence and list the numbers.

7. Use 2, 4, or 5 for the tens digit.
   Use 5 or 9 for the ones digit.
   \[ \text{number of choices for tens digit} \times \text{number of choices for ones digit} = \text{number of two-digit numbers} \]

8. Use 1, 3, 6, or 7 for the tens digit.
   Use 0 or 2 for the ones digit.
   \[ \text{number of choices for tens digit} \times \text{number of choices for ones digit} = \text{number of two-digit numbers} \]
Number and Operations

Write the subtraction sentence shown on the number line.

1

2

3

Reasoning and Proof

Use the clues to find the mystery number.

4 The number is greater than 35 but less than 45.
The sum of the digits is an odd number.
The number is a multiple of 6.

5 The number is greater than 60 but less than 75.
The sum of the digits is 9.
The number is an even number.

6 The number is a two-digit number.
The number is a multiple of 5.
The ones digit and tens digit are the same number.

7 The number is greater than 80 but less than 100.
The sum of the digits is 12.
The number is an odd number.
Geometry

Write the letter of the figure that fits the description. There can be more than one answer.

A B C D E F G

1. The figure has rectangular faces.

2. The figure can roll.

3. The figure has only square faces.

4. The figure has six faces.

5. The figure has faces that are triangles.

Problem Solving

Use a strategy and solve.

6. Find all the different ways you can complete \(_{ + } = 9\) using whole numbers. Cross out any sentences you do not need.

\[\_\_ + \_\_ = 9\]

\[\_\_ + \_\_ = 9\]

\[\_\_ + \_\_ = 9\]

\[\_\_ + \_\_ = 9\]

\[\_\_ + \_\_ = 9\]

\[\_\_ + \_\_ = 9\]

\[\_\_ + \_\_ = 9\]
Algebra

Write the number that completes the sentence.

1. $3 + \_\_\_ = 8$
2. $5 + \_\_\_ = 9$
3. $4 + \_\_\_ = 6$
4. $7 + \_\_\_ = 9$
5. $1 + \_\_\_ = 9$
6. $3 + \_\_\_ = 11$
7. $10 + \_\_\_ = 12$
8. $4 + \_\_\_ = 10$
9. $0 + \_\_\_ = 5$
10. $7 + \_\_\_ = 14$
11. $1 + \_\_\_ = 11$
12. $10 + \_\_\_ = 17$

Data Analysis and Probability

For 13 to 15, use the pictograph.

<table>
<thead>
<tr>
<th>NUMBER OF PETS FOR STUDENTS IN EACH CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Granger</td>
</tr>
<tr>
<td>Ms. Reeve</td>
</tr>
<tr>
<td>Mrs. White</td>
</tr>
<tr>
<td>Mr. Lang</td>
</tr>
</tbody>
</table>

Key: Each $\text{ Paw } = 3$ pets.

13. How many pets do the students have in all? 
14. How many more pets do the students in Ms. Reeve’s class have than the students in Mr. Granger’s class? 
15. How would the pictograph look if students in Ms. Reeve’s class got three more pets?
**Number and Operations**

Write a fraction to describe the shaded part.

1. 
2. 
3. 
4. 
5. 
6. 

**Reasoning and Proof**

The intersections are hidden by the card. Write the number of intersections.

7. 
8. 
9. 
10. 

Number and Operations

Complete the Cross Number Puzzle. Find the difference.

1

\[
\begin{array}{ccc}
150 & 12 & 462 \\
100 & 90 & 6 & 196 \\
\end{array}
\]

\[462 - 196 = \underline{266}\]

2

\[
\begin{array}{ccc}
600 & 25 & 725 \\
300 & 50 & 8 & 358 \\
\end{array}
\]

\[725 - 358 = \underline{367}\]

3

\[
\begin{array}{ccc}
810 \\
400 & 60 & 5 & 465 \\
\end{array}
\]

\[810 - 465 = \underline{345}\]

4

\[
\begin{array}{ccc}
523 \\
300 & 60 & 7 & 367 \\
\end{array}
\]

\[523 - 367 = \underline{156}\]

Measurement

Write grams or kilograms to complete the sentence.

5. An apple might have a mass of about 150 ________.

6. A large dog might have a mass of about 50 ________.

7. A chair and desk together might have a mass of about 25 ________.

8. A pencil might have a mass of about 5 ________ less than an eraser.
Algebra

The table describes a set of Find a Rule cards. Find a rule and complete the table.

1

<table>
<thead>
<tr>
<th>FRONT</th>
<th>BACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>12, 8</td>
<td>4</td>
</tr>
<tr>
<td>9, 3</td>
<td>6</td>
</tr>
<tr>
<td>15, 7</td>
<td>8</td>
</tr>
<tr>
<td>11, 5</td>
<td></td>
</tr>
<tr>
<td>4, 0</td>
<td></td>
</tr>
</tbody>
</table>

2

<table>
<thead>
<tr>
<th>FRONT</th>
<th>BACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>3, 6</td>
<td>18</td>
</tr>
<tr>
<td>4, 4</td>
<td>16</td>
</tr>
<tr>
<td>1, 9</td>
<td>9</td>
</tr>
<tr>
<td>3, 8</td>
<td></td>
</tr>
<tr>
<td>2, 7</td>
<td></td>
</tr>
</tbody>
</table>

3

<table>
<thead>
<tr>
<th>FRONT</th>
<th>BACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>3, 7</td>
<td>10</td>
</tr>
<tr>
<td>5, 12</td>
<td>17</td>
</tr>
<tr>
<td>6, 1</td>
<td>7</td>
</tr>
<tr>
<td>9, 2</td>
<td></td>
</tr>
<tr>
<td>14, 6</td>
<td></td>
</tr>
</tbody>
</table>

4

<table>
<thead>
<tr>
<th>FRONT</th>
<th>BACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>3, 4</td>
<td>10</td>
</tr>
<tr>
<td>7, 2</td>
<td>12</td>
</tr>
<tr>
<td>1, 2</td>
<td>6</td>
</tr>
<tr>
<td>0, 5</td>
<td></td>
</tr>
<tr>
<td>4, 7</td>
<td></td>
</tr>
</tbody>
</table>

Geometry

Draw the reflection of the figure over the line.

5

6

7
Number and Operations

Shade sections to show a fraction that is equivalent to the fraction given. Then write the name of the fraction you showed.

1. \( \frac{3}{5} \)
2. \( \frac{1}{4} \)
3. \( \frac{1}{2} \)
4. \( \frac{3}{4} \)
5. \( \frac{1}{2} \)
6. \( \frac{1}{2} \)
7. \( \frac{2}{3} \)
8. \( \frac{1}{3} \)
9. \( \frac{1}{5} \)
10. \( \frac{3}{4} \)
11. \( \frac{1}{3} \)
12. \( \frac{1}{2} \)

Problem Solving

Use a strategy and solve.

13. A group of students has the base-ten blocks shown at right. In how many different ways can they show the number 320?

<table>
<thead>
<tr>
<th>flats</th>
<th>rods</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
Algebra

Shade squares to make a pattern on each section of the Number Line Hotel. Then describe your pattern.

<table>
<thead>
<tr>
<th></th>
<th>80</th>
<th>81</th>
<th>82</th>
<th>83</th>
<th>84</th>
<th>85</th>
<th>86</th>
<th>87</th>
<th>88</th>
<th>89</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>70</td>
<td>71</td>
<td>72</td>
<td>73</td>
<td>74</td>
<td>75</td>
<td>76</td>
<td>77</td>
<td>78</td>
<td>79</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>61</td>
<td>62</td>
<td>63</td>
<td>64</td>
<td>65</td>
<td>66</td>
<td>67</td>
<td>68</td>
<td>69</td>
</tr>
</tbody>
</table>

Geometry

Write the number of vertices for each figure. (Some of the figures might have no vertices.)

<table>
<thead>
<tr>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="triangle.png" alt="Triangle" /></td>
<td><img src="cube.png" alt="Cube" /></td>
<td><img src="cylinder.png" alt="Cylinder" /></td>
</tr>
<tr>
<td><img src="figure3.png" alt="Figure 3" /></td>
<td><img src="figure4.png" alt="Figure 4" /></td>
<td><img src="figure5.png" alt="Figure 5" /></td>
</tr>
<tr>
<td><img src="figure6.png" alt="Figure 6" /></td>
<td><img src="figure7.png" alt="Figure 7" /></td>
<td><img src="figure8.png" alt="Figure 8" /></td>
</tr>
</tbody>
</table>
Data Analysis and Probability

For 1 to 4, use the bar graph.

1. How many movies sold at least 1,000 tickets?
   
2. Which two movies together sold less than 2,000 tickets?
   
3. Which two movies together sold exactly 3,000 tickets?
   
4. Estimate the number of tickets sold for all 4 movies.
   
Problem Solving

Use a strategy and solve.

5. Corey’s Restaurant has square tables. Two people can sit on each side of a table. If Corey pushes 5 tables together to make one long table, how many people will be able to sit at the 1 long table?

6. Each of the school vans can carry 8 people. What is the smallest number of vans that will be needed to take a class of 27 students and 10 adults on a trip?
Algebra

Write a rule for the table. Then use the rule to fill in the missing numbers.

<table>
<thead>
<tr>
<th></th>
<th>2</th>
<th>5</th>
<th>4</th>
<th>7</th>
<th>6</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INPUT</strong></td>
<td>7</td>
<td>10</td>
<td>9</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OUTPUT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>9</th>
<th>10</th>
<th>4</th>
<th>6</th>
<th>5</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INPUT</strong></td>
<td>5</td>
<td>6</td>
<td>0</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OUTPUT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>2</th>
<th>6</th>
<th>4</th>
<th>5</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INPUT</strong></td>
<td>0</td>
<td>6</td>
<td>18</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OUTPUT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reasoning and Proof

Use the clues to find the mystery number.

4. The number is greater than 60 but less than 80. The sum of its digits is 9. The number is even.

5. The number is greater than 40 but less than 70. The number is a multiple of 5. The tens digit is one greater than the ones digit.
Number and Operations

Complete the subtraction sentence for each set of jumps on the number line.

1. 68 – 8 = ___, 60 – 20 = ___, so 68 – 28 = ___

2. 80 – 40 = ___, 40 – 3 = ___, so 80 – 43 = ___

3. 120 – 60 = ___, 60 – 15 = ___, so 120 – 75 = ___

Geometry

For 4 to 8, use the grid. Write the location of each figure using a letter and a number.

4. Square _____
5. Circle _____
6. Triangle _____
7. Rectangle _____
8. Parallelogram _____
**Measurement**

Write how you could make each amount of money using the fewest possible coins. Use combinations of pennies, nickels, dimes, and quarters.

1. 19¢
2. 24¢
3. 56¢
4. 31¢
5. 42¢
6. 13¢
7. 72¢
8. 69¢
9. 90¢
10. 87¢

**Data Analysis and Probability**

Make a list of all possible outcomes for the experiment.

1. Tossing a cube numbered 1 to 6 one time
2. Spinning this spinner once
Algebra

Complete each table. Then write a rule for each table.

1. | Input | Output |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>16</td>
<td>4</td>
</tr>
<tr>
<td>24</td>
<td>6</td>
</tr>
<tr>
<td>32</td>
<td>8</td>
</tr>
</tbody>
</table>

   input ÷ 4 = output

2. | Input | Output |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>9</td>
</tr>
<tr>
<td>18</td>
<td>6</td>
</tr>
<tr>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

3. | Input | Output |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

Problem Solving

Use a strategy and solve.

7. Carl gave half of his goldfish to his sister. Then he gave 3 to his brother. He kept 5 for himself. How many goldfish did Carl have before he gave any away?

8. If you divide a mystery number by 2, and add 4 to the result, you will get 10. What is the mystery number?
Number and Operations

Round each number to the nearest ten.

1. 76  
2. 128  
3. 445  
4. 789  
5. 618  
6. 271  
7. 903  
8. 12

Round each number to the nearest hundred.

9. 168  
10. 92  
11. 613  
12. 210  
13. 774  
14. 118  
15. 923  
16. 59

Data Analysis and Probability

Use the pictograph to answer questions 17 to 19.

<table>
<thead>
<tr>
<th>LETTERS STUDENTS WROTE TO PEN PALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jonah</td>
</tr>
<tr>
<td>Stacey</td>
</tr>
<tr>
<td>Jamal</td>
</tr>
<tr>
<td>Ann</td>
</tr>
</tbody>
</table>

Key: Each 📩 = 2 letters.

17. Who wrote twice as many letters as Jamal? ____________
18. How many more letters did Jamal write than Ann? _____
19. How many letters did the four students write in all? ____
Number and Operations

Write a multiplication or division sentence to solve each problem.

1. Miguel shared 24 cookies with 5 friends. If Miguel and his friends each ate the same number of cookies, how many did each have?

2. During gym class, Rebecca and 3 friends each walked around the school yard 4 times. How many trips around the school yard did they make in all?

3. A bathroom floor in the shape of a rectangle has 7 rows of tiles. Each row has 6 tiles. How many tiles were used in all?

4. Katie counted 32 legs on 4 spiders. If each spider had the same number of legs, how many legs did each have?

Geometry

Write the number of edges for each figure. Be sure to count any hidden edges.

5. 

6. 

7. 

SR78  Spiral Review Book
Measurement

Show how to make each amount of money using the fewest coins.

1. 28¢
   | Quarters | Dimes | Nickels | Pennies |
   ---|---------|------|--------|---------|

2. 81¢
   | Quarters | Dimes | Nickels | Pennies |
   ---|---------|------|--------|---------|

3. 42¢
   | Quarters | Dimes | Nickels | Pennies |
   ---|---------|------|--------|---------|

4. Willy has 38¢. What is the largest number of nickels he can have? 7

Problem Solving

Use a strategy and solve.

5. Jen made a table to show how far she walked each day.

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blocks</td>
<td>2</td>
<td>1</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Minutes</td>
<td>10</td>
<td>5</td>
<td>20</td>
<td>30</td>
</tr>
</tbody>
</table>

If she walks at the same speed that she walked on previous days, how many blocks would she walk if she walked for 15 minutes on Friday? 30

6. What is a rule for the pattern below?
   80, 40, 20, 10, 5

Chapter 10

Spiral Review Book  SR79
Number and Operations

Estimate each sum. Then find the exact sum.

1. \[ \begin{array}{c@{}c} 29 & + 56 \\ \hline & \end{array} \]
   - Estimate: _____
   - Exact Sum: _____

2. \[ \begin{array}{c@{}c} 18 & + 41 \\ \hline & \end{array} \]
   - Estimate: _____
   - Exact Sum: _____

3. \[ \begin{array}{c@{}c} 182 & + 96 \\ \hline & \end{array} \]
   - Estimate: _____
   - Exact Sum: _____

Data Analysis and Probability

Max tosses two number cubes labeled 1 to 6 18 times. The table shows his results. Use the table to answer the questions.

<table>
<thead>
<tr>
<th>Toss</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Cube</td>
<td>1</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td>6</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>5</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Second Cube</td>
<td>3</td>
<td>6</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>6</td>
<td>5</td>
<td>3</td>
<td>5</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Sum</td>
<td>4</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>10</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>6</td>
<td>5</td>
<td>10</td>
<td>3</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

5. What is the largest possible sum? ________

6. What is the smallest possible sum? ________

7. What is the most common sum? ________

8. How many times did Max get the most common sum? ________

9. Which sums do you think are most likely when you toss two number cubes and add the top numbers? ________
Algebra

Draw the next figure in the pattern.

Reasoning and Proof

Use the clues to find the mystery number.

5 The number has two digits.
   The number is between 30 and 40.
   The tens digit is 2 greater than the ones digit.

6 The number is a two-digit number.
   It is greater than 50 but less than 70.
   When you add the digits the sum is 9.
   The tens digit is twice the ones digit.

7 The number has two digits.
   The number is between 40 and 60.
   The digits are in order from left to right.
   The sum of the digits is 9.
Measurement
Choose the unit you would most likely use to measure the capacity of each item. Write milliliters or liters.

1


2


3


4


Problem Solving
Use a strategy and solve.

A chess club has 4 members. Each member must play every other member. How many games will there be?

You can make a square with 4 toothpicks. You can make 2 squares with 7 toothpicks. How many toothpicks do you need to make 3 squares?
Number and Operations

Complete the number sentences for each array.

1. \[6 \times 5 = \underline{30}\]
   \[6 \times 6 = \underline{36}\]
   \[30 + ___ = ___\]
   \[6 \times 11 = \underline{66}\]

2. \[6 \times 7 = \underline{42}\]
   \[7 \times 7 = \underline{49}\]
   \[___ + ___ = ___\]
   \[13 \times 7 = \underline{91}\]

3. \[9 \times 10 = \underline{90}\]
   \[9 \times 5 = \underline{45}\]
   \[____ + ____ = ____\]
   \[9 \times 15 = \underline{135}\]

Measurement

Write the lengths in order from shortest to longest.

4. \[1\frac{1}{2} \text{ in., } 2\frac{1}{4} \text{ in., } 2 \text{ in., } 1\frac{3}{4} \text{ in.}\]

5. \[4\frac{1}{4} \text{ in., } 4\frac{1}{2} \text{ in., } 3\frac{3}{4} \text{ in., } 3\frac{1}{2} \text{ in.}\]

6. \[3\frac{3}{4} \text{ in., } 4 \text{ in., } 3 \text{ in., } 4\frac{1}{2} \text{ in., } 5 \text{ in.}\]
Number and Operations

Shade the diagram for each fraction. Then write < or > to compare the fractions.

1. \[
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{7}{10}
\end{array}
\qquad
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{1}{2}
\end{array}
\]

2. \[
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{2}{3}
\end{array}
\qquad
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{5}{6}
\end{array}
\]

3. \[
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{1}{2}
\end{array}
\qquad
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{3}{8}
\end{array}
\]

4. \[
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{2}{5}
\end{array}
\qquad
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{4}{5}
\end{array}
\]

5. \[
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{4}{6}
\end{array}
\qquad
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{1}{2}
\end{array}
\]

6. \[
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{2}{3}
\end{array}
\qquad
\begin{array}{c}
\hline
\hline
\hline
\hline
\frac{5}{9}
\end{array}
\]

Problem Solving

Use a strategy and solve.

7. At her party, Elisa served vanilla and chocolate ice cream. She put out red, pink, yellow, and green sprinkles. How many different desserts could her friends make if each dessert was made up of one flavor of ice cream and one color of sprinkles?

8. How many different 3-digit numbers can you make with the digits 1, 5, and 7? What are the numbers?
Algebra

Write a rule for the cards.

1  
<table>
<thead>
<tr>
<th>Front</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td>12, 7</td>
<td>5</td>
</tr>
</tbody>
</table>

2  
<table>
<thead>
<tr>
<th>Front</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td>3, 4</td>
<td>12</td>
</tr>
</tbody>
</table>

Data Analysis and Probability

For 3 to 6, use the bar graph.

3 How many students in the class answered the question?

4 There are 29 students in the class. How many did not answer the question?

5 What is the most popular backpack color?

6 How many students have a blue or a red backpack?
Geometry

Write the area and perimeter of the figure.

1. A: _____ sq units
   P: _____ units

2. A: _____ sq units
   P: _____ units

3. A: _____ sq units
   P: _____ units

4. A: _____ sq units
   P: _____ units

5. Draw 4 different figures that have an area of 4 square units. Write the perimeter for each figure.

6. P: _____ units

7. P: _____ units

8. P: _____ units

9. P: _____ units

Reasoning and Proof

Use the clues to find the mystery number.

6. The number is an even number.
   You say the number when you count by fives.
   The number is greater than 20 but less than 40. _____

7. The number is between 20 and 50.
   The two digits of the number are the same.
   The number is an odd number. _____

8. You say the number when you start at zero and count by fours. You say the number when you start at zero and count by fives. The number is greater than 30 but less than 60. _____
Algebra

Use the chart to describe the pattern. Then write the next 3 numbers in the pattern.

<table>
<thead>
<tr>
<th>90</th>
<th>91</th>
<th>92</th>
<th>93</th>
<th>94</th>
<th>95</th>
<th>96</th>
<th>97</th>
<th>98</th>
<th>99</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>81</td>
<td>82</td>
<td>83</td>
<td>84</td>
<td>85</td>
<td>86</td>
<td>87</td>
<td>88</td>
<td>89</td>
</tr>
<tr>
<td>70</td>
<td>71</td>
<td>72</td>
<td>73</td>
<td>74</td>
<td>75</td>
<td>76</td>
<td>77</td>
<td>78</td>
<td>79</td>
</tr>
<tr>
<td>60</td>
<td>61</td>
<td>62</td>
<td>63</td>
<td>64</td>
<td>65</td>
<td>66</td>
<td>67</td>
<td>68</td>
<td>69</td>
</tr>
<tr>
<td>50</td>
<td>51</td>
<td>52</td>
<td>53</td>
<td>54</td>
<td>55</td>
<td>56</td>
<td>57</td>
<td>58</td>
<td>59</td>
</tr>
<tr>
<td>40</td>
<td>41</td>
<td>42</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>48</td>
<td>49</td>
</tr>
<tr>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td>39</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
</table>

1. 9, 18, 27, 36, 45 . . .

2. 3, 6, 9, 12, 15 . . .

3. 25, 30, 35, 40, 45 . . .

4. 8, 16, 24, 32, 40 . . .

Problem Solving

Use a strategy and solve.

5. Anthony, Ella, and Daniel each win a medal. There is a gold medal, a silver medal, and a bronze medal. In how many different ways can the medals be given out?

6. Anthony, Ella, and Daniel sit side-by-side on a bench. In how many different ways can they sit on the bench?

7. Some friends are playing a game with a number cube labeled 1 to 6 and a coin. If they toss the number cube and the coin at the same time, how many different results can they get?
Number and Operations

Write the numbers in the correct places on the number line.

1. 347, 346, 339

2. 509, 515, 511

3. 867, 852, 859

4. 998, 991, 986

Data Analysis and Probability

List all possible outcomes for the experiment.

5. Toss a number cube labeled 1 to 6.
6. Put cards numbered 1 to 4 into a bag. Pick two cards without looking.
7. Spin a spinner with sections 1 to 4 and A to D.
Measurement

The boxes shown below were built with centimeter cubes. Fill in the measurements and the volume for each box.

1

Volume: _____ cubic cm

2

Volume: _____ cubic cm

3

Volume: _____ cubic cm

4

Volume: _____ cubic cm

Problem Solving

Use a strategy and solve.

3. The cycle shop has some bicycles and some tricycles. There are 30 wheels in all. How many bicycles and tricycles can there be?

4. Trace the two triangles. Then cut them out. How many different 4-sided figures can you make using both triangles?
**Number and Operations**

The sharing machine can be set for the number of people shown. Circle the amounts that the machine can share equally with nothing left over.

1. 16 apples 25 nickels  
   14 pens 30 clips  
   29 books 32 dimes  
   23 cans 19 papers  

2. 21 newspapers 33 books  
   14 toys 17 pennies  
   11 marbles 24 cookies  
   16 hats 15 grapes  

**Reasoning and Proof**

Use the information to answer the questions.

Terry had 29¢. She spent at least 15¢, but still had some money left.

3. What is the largest amount Terry could have spent? How much would she have left?

4. What is the smallest amount Terry could have spent? If she spent that amount, how much would she have left?
Number and Operations

Complete the number sentences in the fact family.

1. $2, 4, 8$
   - $2 \times 4 = 8$
   - $8 \div 2 = ____$
   - $8 \div 4 = ____$

2. $5, 3, 15$
   - $5 \times 3 = ____$
   - $15 \div 5 = ____$
   - $15 \div 3 = ____$

3. $6, 4, 24$
   - $24 \div 6 = ____$
   - $24 \div 4 = ____$
   - $4 \times 6 = ____$

4. $5, 6, 30$
   - $5 \times 6 = ____$
   - $30 \div 5 = ____$
   - $30 \div 6 = ____$

5. $4, 7, 28$
   - $4 \times 7 = ____$
   - $28 \div 4 = ____$
   - $28 \div 7 = ____$

6. $5, 9, 45$
   - $45 \div 9 = ____$
   - $45 \div 5 = ____$
   - $5 \times 9 = ____$

7. $1, 7, 7$
   - $1 \times 7 = ____$
   - $7 \div 7 = ____$
   - $7 \div 1 = ____$

8. $2, 9, 18$
   - $2 \times 9 = ____$
   - $18 \div 2 = ____$
   - $18 \div 9 = ____$

9. $6, 7, 42$
   - $6 \times 7 = ____$
   - $42 \div 6 = ____$
   - $42 \div 7 = ____$

Geometry

Write the ordered pair to name the location of the point. The first one is done.

10. point A ____ (3,1)  
11. point B ______
12. point C ______  
13. point D ______
14. point E ______

Chapter 11
Measurement

Measure the line segment with an inch ruler. Write the length to the nearest quarter inch.

1 |
2 |
3 |
4 |
5 |
6 |
7 |

Data Analysis and Probability

List all possible outcomes for the experiment.

8 Toss the cup in the air, and let it fall to the ground.

9 Spin the spinner once.

10 Toss a penny in the air, and let it fall to the ground.
Geometry

Tell how each figure was moved. Write *slide*, *flip*, or *turn*. If more than one way is possible, write only one way.

Problem Solving

Use a strategy and solve.

7 In class, Robby sits 3 rows in front of Jason. Jason sits 2 rows behind Mickey. Mickey sits 4 rows in front of Kate. How many rows are between Robby and Kate? _____

8 Tony and Felicia are playing tic-tac-toe. The columns of the board are labeled A, B, C. The rows are labeled 1, 2, 3. Tony has Xs in (A,2), (A,3), (B,3), and (C,1). Felicia has Os in (A,1), (B,2), and (C,2). It is Felicia’s turn. In which box should she place an O to win the game? _____
Number and Operations

Multiply to find the number of squares in the array.

1

2

3

4

Reasoning and Proof

Solve the mystery number puzzle.

5 The number is greater than 60 but less than 80. You say the number when you start at 60 and count by fives. The sum of the digits is an even number.

6 The number is greater than 70 but less than 90. The number is odd. The sum of the digits is 9.
Algebra

Complete the FAR card by writing Rule A or Rule B.

1

<table>
<thead>
<tr>
<th>Front</th>
<th>Back</th>
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</thead>
<tbody>
<tr>
<td>Rule A</td>
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</table>

Problem Solving

Use a strategy and solve.

5 In Maddie’s town, every street is parallel or perpendicular to every other street. Four streets numbered in order from 1 to 4 run north to south. Four streets lettered in order from A to D run east to west. Maddie lives on the corner of Street 1 and Avenue A. How many different routes can Maddie take to get to the corner of Street 3 and Avenue C if she always takes the shortest possible route?

6 Jade’s class is lined up one student behind the other. Jade is eighth in line. Mark is behind Jade. There are 4 students between Jade and Mark. There are 6 students behind Mark. How many students are in the class?
Geometry

Choose points to connect, and make the figure.

1. Choose at least 4 of the points, and connect them to make a polygon.

2. Connect the same points you chose for Problem 1 to make a figure that is NOT a polygon.

3. Connect 4 of the points to make a polygon with exactly 2 right angles.

4. Connect points to make a triangle with a right angle.

Measurement

Write the amount using the fewest coins.

5. 82¢

6. 64¢

7. 49¢

8. 77¢
Number and Operations

Fill in the missing parts of the puzzle so you can find the difference.

1. $481 - 168$
   - 11 168
   - 100 60 8

2. $652 - 391$
   - 150 652
   - 300 90 1

3. $826 - 207$
   - 16 826
   - 200 0 7

4. $743 - 572$
   - 600 743
   - 500 70 2

Data Analysis and Probability

For 5 to 8, use the pictograph. It shows what students bought for lunch on their museum trip.

5. Each student bought one sandwich. How many students were on the trip? _______

6. How many more pieces of fruit were bought than snack packs? _______

7. Each drink cost $1.00. How much did students spend on drinks? _______

8. Each student who bought fruit bought one piece. How many students did NOT buy a piece of fruit? _______

<table>
<thead>
<tr>
<th>WHAT WE BOUGHT FOR LUNCH ON OUR TRIP</th>
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</thead>
<tbody>
<tr>
<td>Sandwiches</td>
</tr>
<tr>
<td>Drinks</td>
</tr>
<tr>
<td>Snack packs</td>
</tr>
<tr>
<td>Pieces of fruit</td>
</tr>
</tbody>
</table>

Key: Each ▲ = 3 items.
Algebra

Complete the Find a Rule card. Then describe the rule you used.

1. Front | Back
   | 1, 3 | 4
   | 7, 2 | 9
   | 5, 0 | 5
   | 6, 9 | 15
   | 4, 7 | 8
   | 9, 3 | 6
   | 0, 8 | 2

2. Front | Back
   | 9, 0 | 0
   | 3, 4 | 12
   | 8, 1 | 8
   | 1, 2 | 2
   | 7, 3 | 3
   | 4, 5 | 6
   | 2, 6 | 1

3. Front | Back
   | 6, 0 | 6
   | 8, 2 | 6
   | 12, 8 | 4
   | 9, 9 | 0
   | 10, 7 | 1
   | 16, 4 | 8
   | 8, 8 | 1

4. Front | Back
   | 10, 4 | 7
   | 5, 5 | 5
   | 3, 7 | 5
   | 6, 2 | 4
   | 9, 1 | 1
   | 3, 5 | 1
   | 7, 5 | 1

Problem Solving

Use a strategy and solve.

5. At basketball practice, Leeann takes 5 shots in her first practice round, then 8 in her next, and 11 in her next. If the pattern continues, how many shots will she have taken in all by the end of 6 rounds?

6. Darnel has saved $100 for school supplies. During the first week of school, he spends $5. During the second week, he spends $7. During the third week, he spends $9. If the pattern continues, after how many weeks will Darnel have less than $35?
Number and Operations

Write a fraction for the shaded part of the whole.

1. [Diagram of shaded squares]
2. [Diagram of shaded circles]
3. [Diagram of shaded circle]
4. [Diagram of shaded square]
5. [Diagram of shaded circles]
6. [Diagram of shaded squares]

Algebra

Fill in the missing number. You may use the number line to help you.

7. \(8 + \square = 11\)
8. \(12 - \square = \square\)
9. \(10 - \square = 4\)
Geometry

Write the number of right angles in the polygon. Then circle those angles on the figure.

1. 

2. 

3. 

4. 

5. 

6. 

Problem Solving

Use a strategy and solve.

7. The streets on a map of Midvale run horizontally and vertically. There are 12 intersections. How many streets can there be in Midvale?

8. To measure distances, Robert ties knots in a 15-foot piece of rope. He ties a knot every 3 feet but not at either end. How many knots does he tie?
Number and Operations

Find the product.

<p>| | | | | |</p>
<table>
<thead>
<tr>
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<td>× 9</td>
<td>× 6</td>
<td>× 5</td>
</tr>
<tr>
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<td>126</td>
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<td>192</td>
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</tbody>
</table>

Data Analysis and Probability

For 13 to 16, use the pictograph. It shows how many calculators were replaced during the school year.

13 Which grade had the fewest calculators replaced during the school year?

14 How many calculators were replaced during the school year?

15 It costs $5.00 to replace a calculator. How much did it cost to replace all the calculators?

16 How does the number of calculators replaced in the fourth and fifth grades compare to the number in the second and third grades?
Number and Operations

Shade the pictures to show the fractions. Then write < or > to compare the fractions.

1. \[ \frac{4}{10} \text{ and } \frac{1}{2} \]
2. \[ \frac{1}{3} \text{ and } \frac{3}{6} \]
3. \[ \frac{6}{8} \text{ and } \frac{1}{2} \]
4. \[ \frac{4}{5} \text{ and } \frac{5}{5} \]
5. \[ \frac{1}{3} \text{ and } \frac{1}{2} \]
6. \[ \frac{8}{9} \text{ and } \frac{2}{3} \]

Write < or > to compare the fractions.

7. \[ \frac{1}{4} \text{ and } \frac{3}{8} \]
8. \[ \frac{3}{10} \text{ and } \frac{3}{5} \]
9. \[ \frac{2}{5} \text{ and } \frac{1}{5} \]
10. \[ \frac{1}{10} \text{ and } \frac{1}{8} \]

Measurement

Measure the line segment. Write the length to the nearest centimeter.

11. 
12. 
13. 
14. 
15. 
16. 

SR102 Spiral Review Book
Algebra

Complete the table. Then write a rule.

1. Input | Output
--- | ---
3 | 5
4 | 6
8 | 10
2 |
7 |
10 |

Rule: ____________

2. Input | Output
--- | ---
10 | 6
12 | 8
6 | 2
8 |
9 |
7 |

Rule: ____________

3. Input | Output
--- | ---
1 | 2
4 | 8
6 | 12
3 |
0 |
8 |

Rule: ____________

4. Input | Output
--- | ---
12 | 6
8 | 4
4 | 2
2 |
10 |
14 |

Rule: ____________

5. Input | Output
--- | ---
0 | 9
7 | 16
3 | 12
2 |
8 |
12 |

Rule: ____________

6. Input | Output
--- | ---
12 | 0
8 | 0
4 | 0
2 |
1 |
6 |

Rule: ____________

Geometry

Is the line a line of symmetry? Write yes or no.

7. ______

8. ______

9. ______
Algebra

Find the missing factor.

1. \[ 6 \times \square = 30 \]
   \[ 2. 4 \times \square = 24 \]
   \[ 3. 5 \times \square = 35 \]

4. \[ 3 \times \square = 24 \]
   \[ 5. 6 \times \square = 36 \]
   \[ 6. 7 \times \square = 42 \]

Problem Solving

Use a strategy and solve.

7. In Ted’s game, you can move 4 spaces for your first move, 7 spaces for your next move, 10 for your next, and so on. If the pattern continues, can you move exactly 22 spaces for one move? Explain.

8. A squirrel collected 50 acorns. He ate 3 the first day, 6 the second day, 9 the third day, and so on. If the pattern continued, on which day did he eat the last of his acorns?
Number and Operations

Write a multiplication sentence for the big array.

1. \((5 \times 7) + (3 \times 7) = \)

2. \((3 \times 10) + (4 \times 10) = \)

3. \((4 \times 5) + (4 \times 4) = \)

4. \((6 \times 6) + (6 \times 4) = \)

Data Analysis and Probability

For 5 to 7, use the line graph. It shows how many push-ups Jeanine did in school each day for a week.

5. On which day did Jeanine do 8 push-ups?

6. On which 3 days did she do 20 push-ups altogether?

7. How many more push-ups did she do on Thursday than on Monday?

Chapter 13
**Geometry**

Write the letter of the figure that fits the description. There might be more than one correct answer.

1. The figure has faces that are triangles. ____________

2. The figure will roll on the floor. ____________

3. The figure has faces that are rectangles. ____________

4. The figure has no edges. ____________

5. The figure has 6 faces. ____________

6. The figure has only faces that are rectangles. ____________

**Problem Solving**

Use a strategy and solve.

7. Scott graduated from high school in 2005. He was 18 years old at the time. In what year was Scott born? ____________

8. Darcy is buying a snack from the machine. She has put in 3 dimes so far. The snack costs 55¢. How much more money does she need to put into the machine? ____________

9. Bob’s Bookstore gets 3 cartons of 20 books. They put 38 books on the shelves. Of those, 10 are sold, and Bob gives 8 away as gifts. How many of the books are still in the store? ____________
Measurement

Write the temperature shown on the thermometer.

1. ____ °F
2. ____ °F
3. ____ °F
4. ____ °F

5. ____ °F
6. ____ °F
7. ____ °F
8. ____ °F

Reasoning and Proof

For 9 to 11, use the price chart.

9. What is the cost of one pen and one pencil?

10. If you spend 27¢, what have you bought?

11. If you add another column and row to the chart, what would you write for the cost of 5 pens and 5 pencils?
Measurement

Use the starting time and the time interval to find the ending time.

1. Start reading at 3:30 P.M. Read for 1 hour 30 minutes.
2. Start riding to school at 7:50 A.M. Ride for 15 minutes.
3. Start playing soccer at 2:45 P.M. Play for 1 hour 10 minutes.
4. Leave on a family trip at 7:20 A.M. Drive for 4 hours 55 minutes.
5. Start working on a science project at 8:20 A.M. Work for 7 hours 30 minutes.
6. Start playing a game at 7:45 P.M. Play for 1 hour 20 minutes.
7. Start riding home from school at 3:55 P.M. Ride for 18 minutes.

Problem Solving

Use a strategy and solve.

8. Centerville has 3 streets that run east to west and 6 streets that run north to south. The streets cross to form a grid. How many intersections are in Centerville?

9. Allie’s school has 4 doors. In how many different ways is it possible for Allie to go into school in the morning and leave in the afternoon?

10. Each side of a rectangle is a whole number. Its perimeter is 6 times the length of one shorter side. What is the shortest possible length of each side?
### Algebra

Use a pattern to find the products.

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<tr>
<td>27</td>
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</tbody>
</table>

### Geometry

Write Y under each pyramid. Write R under each prism.

1. 
2. 
3. 

---

Chapter 14
Data Analysis and Probability

Complete the table.

<table>
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<tr>
<th>Total Money Spent</th>
<th>Money Left</th>
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<td>$7</td>
<td>$18</td>
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<td>$18</td>
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<tr>
<td>19</td>
<td>21</td>
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Problem Solving

Use a strategy and solve.

3. Draw the next 3 figures in the pattern.

4. At the end of each day, Jon puts all the coins from his pocket into a jar. After the first week, he has $2.50. After the second week, he has $4.50. After 3 weeks, the total is $6.50. If the pattern continues, how many weeks will it be until he has at least $20.00?
Number and Operations

Find the fraction of an hour represented by the shaded section of the clock.

1

2

3

4

5

6

Measurement

Circle the container that has the greater capacity.

7

8

9
Geometry

For 1 to 7, use the figures. Write the letter of the figure that fits the description. There might be more than one answer.

1. All the faces on the figure are rectangles.
2. The figure has faces that are triangles.
3. All the faces on the figure are triangles.
4. All the faces on the figure are squares.
5. The figure has no vertices.
6. The figure will roll.
7. The figure looks the same right-side up and upside down.

Reasoning and Proof

Solve the mystery number puzzle.

8. The number is greater than 40 but less than 70. The tens digit is the same as the ones digit. The sum of the digits is a two-digit number. The number is odd.

9. The number is greater than 60 but less than 90. The number is a multiple of eight. The sum of the digits is an even number. The sum of the digits is a one-digit number.
# Number and Operations

**Find the product.**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</table>

# Problem Solving

**Use a strategy and solve.**

17. Each tile will cover exactly two squares on the floor. Is it possible to fully cover the floor with whole tiles like the one shown? If it is possible, show how. If it is not possible, tell why.

---

Chapter 14  
Spiral Review Book  

© Education Development Center, Inc.
**Geometry**

Write the number of right angles in the polygon. Then write the number of pairs of parallel sides.

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<tr>
<td>Pairs of parallel sides</td>
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Problem Solving

Use a strategy and solve.

7 Roberta’s family drives 225 miles on the first day of their trip. They plan to drive a total of 840 miles. If they drive 310 miles on the second day, how many more miles will they have to go to complete their trip? ____________

8 Ken had a box of pencils. He used 5 pencils at school. He shared 10 pencils with his friends. Ken now has 9 pencils left. How many pencils were in the box? ____________
Algebra

Find a rule for the set of cards.

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<tbody>
<tr>
<td>3, 5</td>
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<td>5, 7</td>
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<td>8, 7</td>
<td>56</td>
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<td>9, 3</td>
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<td>36, 6</td>
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<td>4, 2</td>
<td>18</td>
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<tr>
<td>3, 4</td>
<td>13</td>
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</tbody>
</table>

Measurement

Write ounces or pounds to complete the sentence so that it makes sense.

4. A box of tissues weighs about 4 ________.
5. A bag of popcorn weighs about 10 ________.
6. A bicycle weighs about 22 ________.
7. A chair weighs about 30 ________.
8. A table lamp weighs about 3 ________.
9. A notepad weighs about 8 ________.
Number and Operations

Find the difference.

1. 75 - 49
2. 91 - 68
3. 77 - 59
4. 109 - 82

5. 521 - 166
6. 451 - 295
7. 754 - 620
8. 637 - 193

9. 835 - 629
10. 710 - 409
11. 842 - 673
12. 952 - 187

Data Analysis and Probability

For 13 to 16, use the bar graph. It shows how far students jumped in a contest.

13. What was the greatest distance jumped by any student? ____________

14. What distance was jumped by the most students? ____________

15. How many students were in the contest? ____________

16. How many students jumped at least 42 inches? ____________
Algebra

Use a pattern to find the products.

1. $3 \times 10 = _____$
   $30 \times 10 = _____$
   $300 \times 10 = _____$

2. $7 \times 10 = _____$
   $70 \times 10 = _____$
   $700 \times 10 = _____$

3. $42 \times 10 = _____$
   $420 \times 10 = _____$
   $4,200 \times 10 = _____$

4. $28 \times 10 = _____$
   $280 \times 10 = _____$
   $2,800 \times 10 = _____$

Geometry

Write $T$ under each triangle, $Q$ under each quadrilateral, and $P$ under each pentagon. Some figures will not have a letter.
**Number and Operations**

Find the missing numbers in the magic square. Then write the sum for the square.

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Sum: __________

**Problem Solving**

Use a strategy and solve.

7. Jill’s classroom has tables that are equilateral triangles (all three sides the same length). Each table can seat 3 students. If two tables are put together, 4 students can sit at the table. How many students can sit at a table made from 6 small tables put together in a row?

8. Finn’s classroom has 18 small tables that are equilateral triangles. What is the largest number of tables that can be used to make a big table that forms a triangle with all three sides the same length?
Algebra

Complete the multiplication and division sentences for the array.

1.  
   \[ 5 \times \_ = 25 \]
   \[ 25 \div 5 = \_ \]

2.  
   \[ 5 \times \_ = 30 \]
   \[ 30 \div 5 = \_ \]

3.  
   \[ 4 \times \_ = 24 \]
   \[ 24 \div 4 = \_ \]

4.  
   \[ 6 \times \_ = 12 \]
   \[ 12 \div 6 = \_ \]

5.  
   \[ 6 \times \_ = 36 \]
   \[ 36 \div 6 = \_ \]

6.  
   \[ 4 \times \_ = 28 \]
   \[ 28 \div 4 = \_ \]

Data Analysis and Probability

For one spin of the spinner, circle the outcome that is more likely.

7. An even number or a number less than 4

8. An odd number or a number greater than 6

9. A multiple of 3 or a multiple of 2
Measurement

Write the temperature shown on the thermometer.

1. [Temperature Scale]
2. [Temperature Scale]
3. [Temperature Scale]
4. [Temperature Scale]

Write the difference between the high and low temperatures.

5. high temperature: 71°F, low temperature: 39°F
6. high temperature: 50°F, low temperature: 21°F
7. high temperature: 14°F, low temperature: 9°F
8. high temperature: 102°F, low temperature: 77°F
9. high temperature: 23°F, low temperature: 15°F

Problem Solving

Use a strategy and solve.

10. Jolene is choosing an outfit from 2 pairs of jeans and 5 shirts. How many different outfits can she make?

11. Jerry visits his grandmother the same day each week. If he visits her on March 1, what is the greatest number of times he can visit during March?

12. How many different four-digit numbers can you make from the digits 2, 4, 5, and 9 if the thousands place must be 2? Each digit can be used only once in a number.
Number and Operations

Use compatible numbers to estimate the sum or difference.

1. \[\begin{array}{c}
187 \\
+ 309 \\
\hline
\end{array}\]

2. \[\begin{array}{c}
279 \\
- 108 \\
\hline
\end{array}\]

3. \[\begin{array}{c}
612 \\
+ 517 \\
\hline
\end{array}\]

4. \[\begin{array}{c}
421 \\
- 88 \\
\hline
\end{array}\]

5. \[\begin{array}{c}
580 \\
- 196 \\
\hline
\end{array}\]

6. \[\begin{array}{c}
462 \\
+ 183 \\
\hline
\end{array}\]

7. \[\begin{array}{c}
790 \\
+ 114 \\
\hline
\end{array}\]

8. \[\begin{array}{c}
681 \\
- 592 \\
\hline
\end{array}\]

Measurement

The box is made of centimeter cubes. Fill in the measurements and the volume.

9. \[\begin{array}{c}
\text{cm} \\
\quad \\
\text{cm} \\
\text{cm} \\
\end{array}\]

Volume = ____ cubic cm

10. \[\begin{array}{c}
\text{cm} \\
\quad \\
\text{cm} \\
\text{cm} \\
\end{array}\]

Volume = ____ cubic cm

11. \[\begin{array}{c}
\text{cm} \\
\quad \\
\text{cm} \\
\text{cm} \\
\end{array}\]

Volume = ____ cubic cm

12. \[\begin{array}{c}
\text{cm} \\
\quad \\
\text{cm} \\
\text{cm} \\
\end{array}\]

Volume = ____ cubic cm