Write the missing numbers.

1. \[ \underline{0} \underline{1} \underline{2} \]

2. \[ \underline{0} \underline{1} \underline{2} \]

3. \[ \underline{0} \underline{1} \underline{2} \]

4. \[ \underline{0} \underline{1} \underline{2} \]

5. \[ \underline{0} \underline{1} \underline{2} \]

NOTE: Your child is learning to solve story problems involving comparisons. Play a game where you and your child guess numbers from clues, such as, “My number is 18 more than 53.”

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Write the fractions for the shaded shapes. The denominators should show the total number of pieces.

6. 

\[
\frac{3}{4}
\]

7. 

\[
\frac{2}{3}
\]

8. 

\[
\frac{5}{6}
\]

9. 

\[
\frac{1}{2}
\]

10. 

\[
\frac{2}{3}
\]

11. 

\[
\frac{3}{6}
\]

Write the fractions from Problems 6–11 at their locations on the number line.

12. 

\[
\begin{array}{c}
0 \\
\frac{1}{2} \\
1
\end{array}
\]

Challenge

13. Show each number’s location on the number line.

\[
\frac{1}{3}, \frac{1}{4}, \frac{2}{6}, \frac{2}{3}, \frac{5}{6}
\]

\[
\begin{array}{c}
0 \\
1
\end{array}
\]
Measuring Mass in Grams and Kilograms

Draw a line to match each object with its mass.

1. 1 bicycle
   ![Bicycle] 100 grams

2. 1 dollar bill
   ![Dollar Bill] 100 grams

3. 1 elephant
   ![Elephant] 400 grams

4. 1 bag of oranges
   ![Oranges] 4 kilograms

5. 1 knitted hat
   ![Knitted Hat] 12 kilograms

6. 1 lion
   ![Lion] 180 kilograms

7. 1 football
   ![Football] 4,000 kilograms
What is missing? Complete the table.

<table>
<thead>
<tr>
<th>Object</th>
<th>More than or less than 1 gram?</th>
<th>More than or less than 1 kilogram?</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 chicken</td>
<td>more than</td>
<td></td>
</tr>
<tr>
<td>9 stamp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Crayon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 Drawings may vary. One possible answer is a mitten.</td>
<td>more than</td>
<td>less than</td>
</tr>
<tr>
<td>12 Drawings may vary. One possible answer is a desk.</td>
<td>more than</td>
<td>more than</td>
</tr>
<tr>
<td>13 Drawings may vary. One possible answer is a cotton ball.</td>
<td>less than</td>
<td>less than</td>
</tr>
</tbody>
</table>

**Problem Solving** The mass of Adam’s cat is 5 kilograms. Lara’s cat is 3 kilograms more than Adam’s. What is the mass of Lara’s cat? Tell how you know.

| ____________________________________________ | ____________________________________________ |
| ____________________________________________ | ____________________________________________ |
| ____________________________________________ | ____________________________________________ |
| ____________________________________________ | ____________________________________________ |