

Write the correct answer.

For 1–5, find the missing product or factor.

1 $6 \overline{)54}^9$

2 $8 \overline{)96}^{12}$

3 $7 \overline{)189}^{27}$

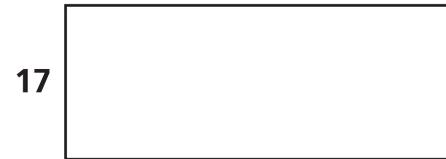
4 $9 \overline{)171}^{19}$

5 $10 \overline{)760}^{76}$

For 6–7, use this table of multiples of 17 to help you.

×	1	2	3	4	5	6	7	8	9
17	17	34	51	68	85	102	119	136	153

6 Find the length of the rectangle.



TOTAL AREA = 816

48 units

7 The area of a rectangle is 595 square units. Its width is 17 units. What is its length?

35 units

8 Find the quotient and remainder. Then write the number sentence you would use to check your division.

$8 \overline{)671}^{83r7}$

$83 \times 8 + 7 = 671$

For 9–10, find the quotient. Write the remainder as a fraction.

9 $18 \overline{)567}^{31\frac{9}{18} \text{ or } 31\frac{1}{2}}$

10 $26 \overline{)721}^{27\frac{19}{26}}$

For 11–13, find the quotient.

11 $43 \overline{)674}$ **15r29 or $15\frac{29}{43}$**

12 $39 \overline{)802}$ **20r22 or $20\frac{22}{39}$**

13 $60 \overline{)941}$ **15r41 or $15\frac{41}{60}$**

- 14 A store manager displays cereal boxes with 8 boxes on each shelf. If she has 111 boxes and uses them all, filling the shelves from bottom to top, how many boxes will be on the final shelf?

7 boxes

- 15 At graduation, students march into the auditorium in rows of 8. There are 326 students in the graduating class. How many rows of 8 marchers are there? How many students are in the last row of marchers?

40 rows of 8 marchers;

6 marchers in the last row

- 16 There are 47 students at the tryouts for the school debate team. Each tryout team has 5 debaters and 1 leader. How many full teams are there at the tryouts?

7 teams

- 17 Chloe makes a peg board in the shape of a rectangle. The board is 14 inches long by 16 inches wide. Chloe puts nails around the perimeter of the board every 2 inches. How many nails does she use?

30 nails

- 18 Latoria's painting is 14 inches tall and has an area of 168 square inches. It is on a mat that is 16 inches tall and 14 inches wide. How many square inches of the mat are showing?

56 square inches

- 19 The desks in Brandon's classroom are arranged in rows. There are 7 desks across the front of the room and five rows of desks. Brandon sits in the sixth desk of the fifth row. Marti sits in the second desk of the first row. Randy sits exactly halfway between Brandon and Marti. In which row and desk does Randy sit?

third row, fourth desk