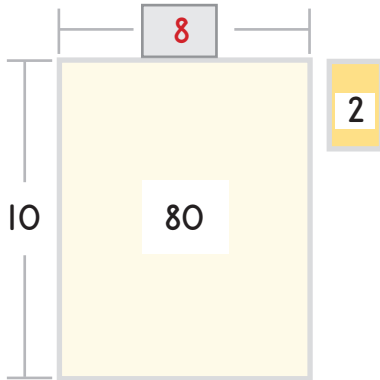


Name: \_\_\_\_\_ Date: \_\_\_\_\_



Complete the models by filling in the empty boxes.

Example

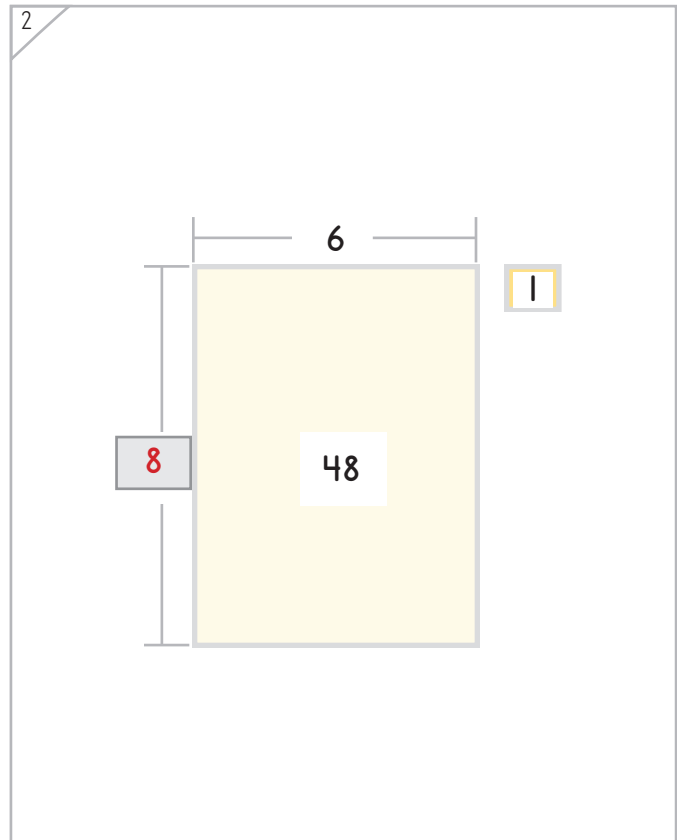
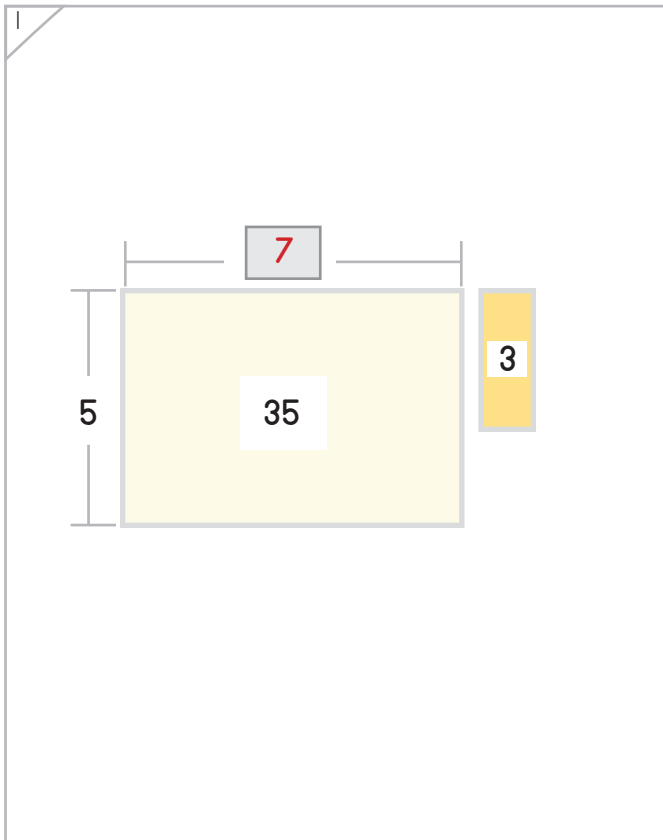


This area model shows a total of 82 that is divided into equal groups of 10. The number of equal groups is 8, and there is 2 left over.

So, 82 divided by 10 equals 8 remainder 2.

$$\text{Or, } 82 \div 10 = 8 \text{ R } 2$$

ANSWER KEY



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Make each model and number sentence match.

1

$$\begin{array}{r}
 \boxed{5} \text{ R } \boxed{3} \\
 6 \overline{) 33} \\
 \underline{- 30} \quad 6 \times 5 \\
 3
 \end{array}$$

2

$$\begin{array}{r}
 \boxed{4} \text{ R } \boxed{2} \\
 8 \overline{) 34} \\
 \underline{- 32} \quad 8 \times 4 \\
 2
 \end{array}$$

ANSWER KEY





Make each model and number sentence match.

1

$$\begin{array}{r}
 \phantom{6} \overline{) 40} \\
 \underline{36} \phantom{0} \\
 4
 \end{array}$$

6 R 4

6 × 6

2

$$\begin{array}{r}
 \phantom{8} \overline{) 49} \\
 \underline{48} \phantom{0} \\
 1
 \end{array}$$

8 R 1

8 × 6





Make each model and number sentence match.

1

$$\begin{array}{r}
 \phantom{0}4 \text{ R } 5 \\
 7 \overline{) 33} \\
 \underline{- 28} \quad 7 \times 4 \\
 5
 \end{array}$$

2

One possible solution:

$$\begin{array}{r}
 \phantom{0}5 \text{ R } 2 \\
 6 \overline{) 32} \\
 \underline{- 30} \quad 6 \times 5 \\
 2
 \end{array}$$

ANSWER KEY



Name: \_\_\_\_\_ Date: \_\_\_\_\_



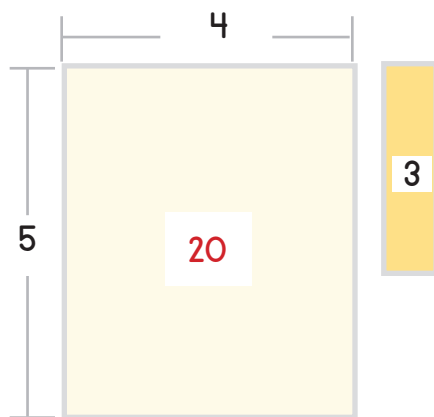
Word Problems

Read the description.

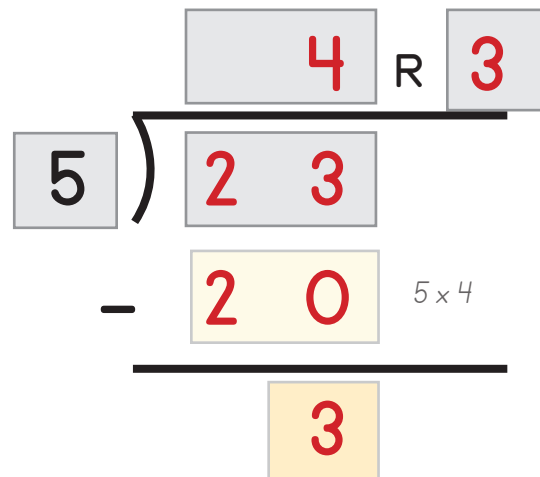
Your teacher wants you to arrange chairs in equal rows, filling each row with 5 chairs. There are 23 chairs in all. How many rows will there be when you are done? Use an area model to help find your solution.

ANSWER KEY

Your area model:



Expanded mode solution:



Answer: There will be 5 rows. 4 rows of 5 chairs, and 1 row with 3 chairs.

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