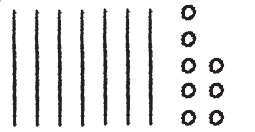


Division and the Distributive Property

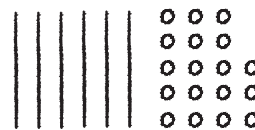
Divide. $78 \div 6$

Use the Distributive Property and quick pictures to break apart numbers to make them easier to divide.

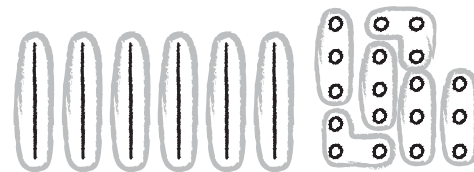
Step 1 Draw a quick picture to show 78.



Step 2 Think about how to break apart 78. You know $6 \text{ tens} \div 6 = 10$, so use $78 = 60 + 18$. Draw a quick picture to show 6 tens and 18 ones.



Step 3 Draw circles to show $6 \text{ tens} \div 6$ and $18 \text{ ones} \div 6$. Your drawing shows the use of the Distributive Property.
 $78 \div 6 = (60 \div 6) + (18 \div 6)$



Step 4 Add the quotients to find $78 \div 6$.

$$\begin{aligned} 78 \div 6 &= (60 \div 6) + (18 \div 6) \\ &= \underline{10} + \underline{3} \\ &= \underline{13} \end{aligned}$$

Use quick pictures to model the quotient.

1 $84 \div 4 = \underline{\hspace{2cm}}$

2 $54 \div 3 = \underline{\hspace{2cm}}$

3 $68 \div 2 = \underline{\hspace{2cm}}$

4 $65 \div 5 = \underline{\hspace{2cm}}$

5 $96 \div 8 = \underline{\hspace{2cm}}$

6 $90 \div 6 = \underline{\hspace{2cm}}$