# Represent Division with Regrouping 

## ONLINE

Video Tutorials and
Interactive Examples
1 (MP) Use Tools Shen puts all of his red marbles in 3 jars. He puts the same number in each jar. How many red marbles are in each jar? Use base-ten blocks to represent the division. Then draw a quick picture to show your work.

Shen's Marbles

| Color | Number |
| :--- | :---: |
| Yellow | 57 |
| Red | 78 |
| Blue | 92 |
| Green | 43 |

2 (MP) Attend to Precision Bridget has 56 quarters. There are 4 quarters in 1 dollar. How many dollars does Bridget have? Draw a quick picture to show your work.
(MP) Use Tools Use base-ten blocks or quick pictures to represent the division. Record the results.
$348 \div 3$ $\qquad$ $474 \div 7$ $\qquad$ $539 \div 8$ $\qquad$

## Test Prep

6 Janeka cuts out pictures of dogs to make posters. She puts an equal number of German shepherd pictures on 4 posters. How many pictures are on each poster?
(A) 13
(C) 11
(B) 12
(D) 9

| Dog Pictures |  |
| :--- | :---: |
| Breed | Number |
| Labrador retriever | 62 |
| German shepherd | 52 |
| Husky | 28 |
| Jack Russell terrier | 44 |

7 Which quick picture represents $69 \div 4$ ?
(A)

(C)
$\left[\begin{array}{c}0 \\ 0 \\ 0 \\ 00 \\ 0\end{array}\right]\left[\begin{array}{c}0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0\end{array}\right]\left[\begin{array}{l}0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0\end{array}\right]\left[\begin{array}{l}0 \\ 0 \\ 0 \\ 0 \\ 0\end{array}\right]$
(B)

(D)
$1 \begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 00 \\ & 00\end{aligned}$

$1 \begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 00 \\ & 00\end{aligned}$ $\left(\begin{array}{l}0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0\end{array}\right.$ $\left(\begin{array}{l}0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0\end{array}\right)$

8 Match the division problem to its quotient.

|  | 13 | 14 | 17 | 18 |
| :--- | :---: | :---: | :---: | :---: |
| $51 \div 3$ | $\square$ | $\square$ | $\square$ | $\square$ |
| $65 \div 5$ | $\square$ | $\square$ | $\square$ | $\square$ |
| $84 \div 6$ | $\square$ | $\square$ | $\square$ | $\square$ |
| $72 \div 4$ | $\square$ | $\square$ | $\square$ | $\square$ |

## Spiral Review

9 A rancher uses 40 -pound bales of hay for his horses. What is the weight of 8 bales of hay?

10 A truck carries 6 telephone poles that have the same weight.
The total weight of the poles is 6,000 pounds. How much does each telephone pole weigh?
$6,000 \div 6=$ $\qquad$

