

Name _____

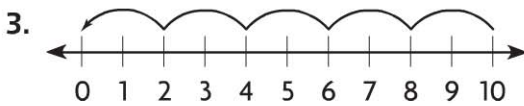
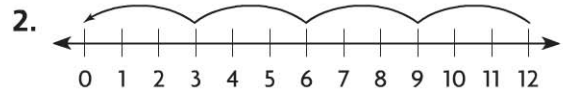
Relate Subtraction and Division

COMMON CORE STANDARD CC.3.OA.3
Represent and solve problems involving multiplication and division.

Write a division equation.

1.
$$\begin{array}{r} 16 \\ - 4 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ - 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ - 4 \\ \hline 0 \end{array}$$

$$16 \div 4 = 4$$



4.
$$\begin{array}{r} 20 \\ - 5 \\ \hline 15 \end{array} \quad \begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$$

Use repeated subtraction or a number line to solve.

5. $28 \div 7 = \underline{\quad}$

6. $18 \div 6 = \underline{\quad}$

7. $8 \overline{)40}$

8. $9 \overline{)36}$

Problem Solving

9. Mrs. Costa has 18 pencils. She gives 9 pencils to each of her children for school. How many children does Mrs. Costa have?

10. Boël decides to plant rose bushes in her garden. She has 24 bushes. She places 6 bushes in each row. How many rows of rose bushes does she plant in her garden?

Lesson Check (CC.3.OA.3)

1. Which division equation is shown?



- (A) $3 \times 4 = 12$ (C) $12 \div 3 = 4$
 (B) $12 \div 6 = 2$ (D) $12 \div 4 = 3$

2. Isabella has 35 cups of dog food. She feeds her dogs 5 cups of food each day. For how many days will the dog food last?

- (A) 6 days (C) 8 days
 (B) 7 days (D) 9 days

Spiral Review (CC.3.OA.3, CC.3.OA.8, CC.3.MD.3)

3. Ellen buys 4 bags of oranges. There are 6 oranges in each bag. How many oranges does Ellen buy?

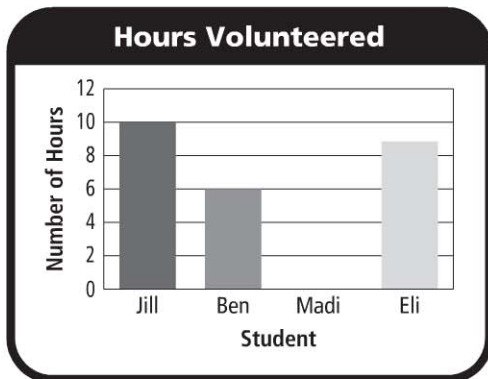
(Lesson 4.3)

- (A) 10 (C) 24
 (B) 12 (D) 30

4. Each month for 7 months, Samuel mows 3 lawns. How many more lawns does he need to mow before he has mowed 29 lawns? (Lesson 4.10)

- (A) 1 (C) 7
 (B) 3 (D) 8

Use the graph for 5–6.



5. How many hours did Eli volunteer?

(Lesson 2.4)

- (A) 4 hours (C) 9 hours
 (B) 8 hours (D) 10 hours

6. Madi volunteered 2 hours less than Jill. At what number should the bar for Madi end? (Lesson 2.5)

- (A) 3 (C) 8
 (B) 6 (D) 12