Answer Key · Lesson 5.5: Dividing Integers

School Launch · Pre-Algebra · Unit 5 · Worksheet A · for the parent

Key

1. -9

Compute $(-18) \div (2)$.

2. -2

Compute $(-14) \div (7)$.

3. -7

Compute $(21) \div (-3)$.

4. 10

1. $100 \div 10$
2. Same signs → positive: 10

Compute $(-100) \div (-10)$.

5. -1

1. $10 \div 10 = 1$
2. Different signs → negative: -1

Compute $(10) \div (-10)$.

6. 1

1. $8 \div 8 = 1$
2. Same signs → positive: 1

Compute $(8) \div (8)$.

7. -8

1. $24 \div 3 = 8$
2. Different signs → negative: -8

Compute $(24) \div (-3)$.

8. 8

1. $\frac{-7}{7} \times (-8)$
2. $= -1 \times (-8)$
3. $= 8$

Compute $\frac{-7}{7} \times (-8)$.

9. -42

1. $\frac{54}{9} \times (-7)$
2. $= 6 \times (-7)$
3. $= -42$

Compute $\frac{54}{9} \times (-7)$.

10. -8

1. $\frac{44}{11} \times (-2)$
2. $= 4 \times (-2)$
3. $= -8$

Compute $\frac{44}{11} \times (-2)$.