

## Practice 1-9 Multiplying and Dividing Integers

Use repeated addition, patterns, or rules to find each product or quotient.

1.  $23 \cdot 16$

\_\_\_\_\_

2.  $8 \cdot 7(-6)$

\_\_\_\_\_

3.  $-17 \cdot 3$

\_\_\_\_\_

4.  $-24 \div 4$

\_\_\_\_\_

5.  $-65 \div 5$

\_\_\_\_\_

6.  $117 \div (-1)$

\_\_\_\_\_

7.  $-30 \div (-6)$

\_\_\_\_\_

8.  $-21 \div (-3)$

\_\_\_\_\_

9.  $63 \div (-21)$

\_\_\_\_\_

10.  $5(-1)(-9)$

\_\_\_\_\_

11.  $-6(-3) \cdot 2$

\_\_\_\_\_

12.  $-3 \cdot 7(-2)$

\_\_\_\_\_

13.  $\frac{1,512}{-42}$

\_\_\_\_\_

14.  $\frac{-4,875}{-65}$

\_\_\_\_\_

15.  $\frac{-15(-3)}{-9}$

\_\_\_\_\_

Compare. Use  $>$ ,  $<$ , or  $=$  to complete each statement.

16.  $-7(5) \square -6 \cdot (-6)$

17.  $-20 \cdot (-5) \square 10 \cdot |-10|$

18.  $3(-6) \square -3(6)$

19.  $121 \div (-11) \square -45 \div (-6)$

20.  $-40 \div 8 \square 40 \div (-8)$

21.  $-54 \div 9 \square 21 \div (-3)$

For each group, find the average.

22. temperatures:  $6^\circ, -15^\circ, -24^\circ, 3^\circ, -25^\circ$  \_\_\_\_\_

23. bank balances:  $\$52, -\$7, \$20, -\$63, -\$82$  \_\_\_\_\_

24. stock price changes:  $\$6, -\$6, -\$9, \$1, \$3$  \_\_\_\_\_

25. golf scores:  $-2, 0, 3, -2, -3, 1, -4$  \_\_\_\_\_

26. elevations (ft):  $-120, 168, -60, -42, -36$  \_\_\_\_\_

Write a multiplication or division sentence to answer the question.

27. The temperature dropped  $4^\circ$  each hour for 3 hours. What was the total change in temperature?

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