

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° each hour for 3 hours. What was the total change in temperature?
