

Final Test Chapters 1–7

Compare the integers using $<$, $>$, or $=$.

10. **a** **b** **c** **d** **e** **f**

$-12 \square -30$ $82 \square 17$ $-21 \square -57$ $-29 \square -45$ $-57 \square 15$ $15 \square -69$

Write each power as a product of factors.

11. **a** **b** **c**

4^2 _____ 15^3 _____ 2^6 _____

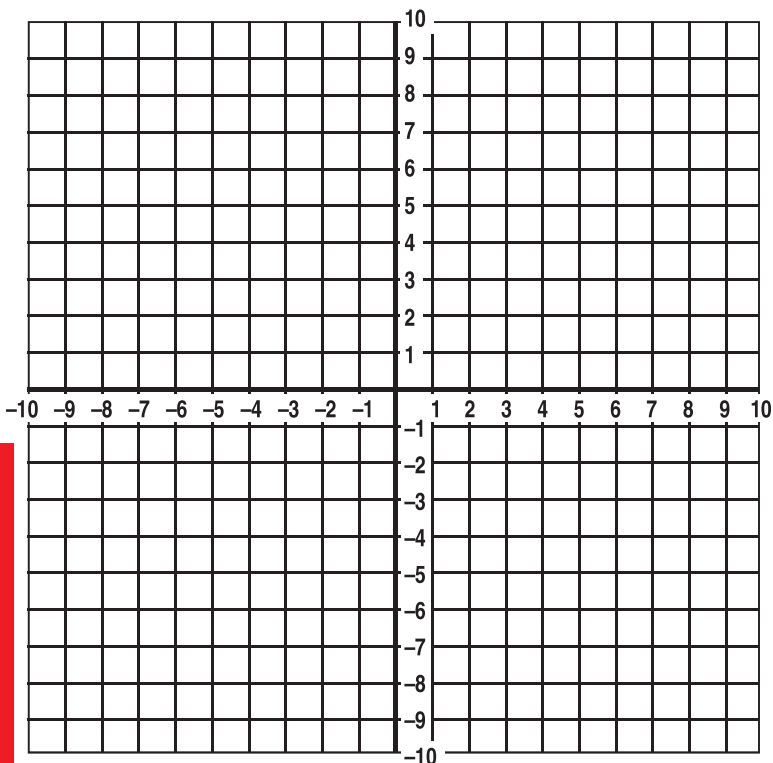
Use exponents to rewrite each expression.

12. $5 \times 5 \times 5 =$ _____ $6 \times 6 \times 6 \times 6 \times 6 =$ _____ $12 \times 12 \times 12 \times 12 =$ _____

Write the expression for each statement.

13. the quotient of 24 and the difference between 8 and 4 _____
14. the sum of 6 and the product of 4 and 7 _____

Plot the given coordinates on the grid. Then, answer the questions.



15. A $(-3, 7)$
16. B $(3, -3)$
17. C $(-8, -6)$
18. D $(4, -6)$
19. E $(-10, 5)$
20. How many units is it from Point A to Point E? _____ units
21. How many units is it from Point B to Point C? _____ units
22. How many units is it from Point D to Point E? _____ units