



CHAPTER 6 REVIEW

Name: _____

Period: _____

Show that each number is rational by writing it in $\frac{a}{b}$ form. Then give the multiplicative inverse, and the additive inverse of the number.

1. $-\frac{4}{7}$ _____ 2. 15 _____ 3. 0.6 _____

Number the rational numbers from least to greatest.

4. -5.2, -4, $-\frac{13}{3}$, $-4\frac{1}{2}$, -5 5. 6; $-5\frac{1}{2}$, 0, $-\frac{8}{3}$, -0.79

Evaluate the expression. Justify each step you take.

6. $53 + 22 + 67$ 7. $\frac{1}{4} + \frac{3}{7} + (-\frac{1}{4})$ 8. $12 \cdot \frac{2}{5} \cdot \frac{1}{12}$ 9. $-4.8 + 3 + (-1.2)$

Use the distributive property to write an equivalent expression and then evaluate the expression.

10. $12(3.8) + 12(1.2)$ 11. $6(100-8)$ 12. $2(6.5) + 2(3.5)$ 13. $8(8 - 5)$

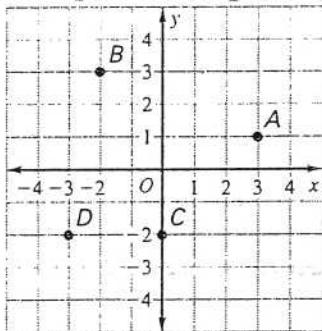
Name the ordered pair that represents the point.

14. A

15. B

16. C

17. D

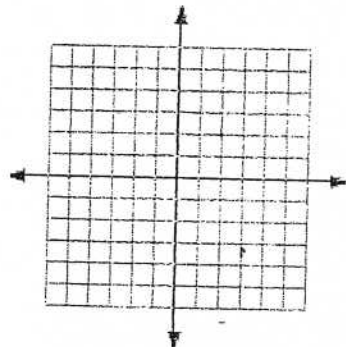


Plot the point and describe its location.

18. E(1,4)

19. F(-5, 0)

20. G(4 -3)



21. The members of a club hold a car wash and earn \$4.25 for each car they wash and \$3.75 for each car they wax. The club washes and waxes 16 cars. Use the distributive property to write and evaluate an expression for the total amount of money the club earned.