

Sample Lesson #3

1. Write the formula for finding the circumference of a circle.

2. Simplify. $7(4a + 5b - 6) - 3(2a - 4b + 5)$

3. Write the coordinates of each point.

C → _____ D → _____

4. Define *median*.

5. $64 \div 8 \cdot 4 + 6 - 3 = ?$

6. Solve for b . $b - 29 = -77$

7. $5,000 - 976 = ?$

8. $\frac{356}{-4} = ?$

9. Write $\frac{4}{5}$ as a decimal and as a percent.

10. $\sqrt{169} = ?$

11. What percent of 60 is 120?

12. Find the mean of 15, 18, and 21.

13. Monica made a drawing of her patio using the scale of 1 inch equals 4 feet. The length of the patio in her drawing was 11 inches. What was the length of the actual patio?

14. What value of x makes the equation true? $3x + 4 = x + 18$

15. $-79 - (-44) + 15 = ?$

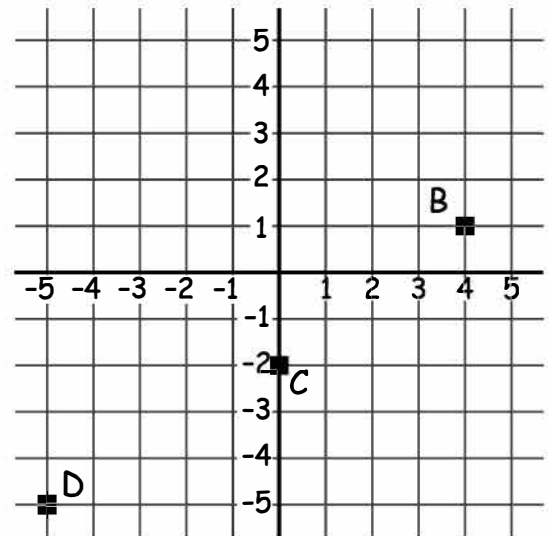
16. The area of a rectangle is 180 square centimeters. If the length of the rectangle is 15 cm, what is its width?

17. Find the GCF of $12a^4b^2c$ and $18a^2bc^2$.

18. *Two times a number divided by seven is forty.*
Express this sentence using algebraic symbols.

19. Solve for x . $\frac{x}{4} - 9 = 14$

20. Find the value of a . $5a + 3 = -22$



1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.
17.	18.	19.	20.