

Unit 2: Linear Equations and Systems

CONCEPT

Name: _____ Date: _____

Solve each problem. Show your work, and write your final answer on the line.

1. Solve for x : $x + 4 = 9$

Answer: _____

2. Solve for x : $x - 3 = 6$

Answer: _____

3. Solve for x : $5x = 20$

Answer: _____

4. Solve for x : $x/2 = 7$

Answer: _____

5. Solve for x : $x + 8 = 3$

Answer: _____

6. Solve for x : $2x = 18$

Answer: _____

7. Solve for y : $y - 5 = -2$

Answer: _____

8. Solve for x : $3x = 12$

Answer: _____

9. Is $x = 6$ a solution to $x + 2 = 8$? Answer yes or no.

Answer: _____

10. In the equation $y = 2x$, what is the value of y when $x = 4$?

Answer: _____

11. The system $y = x$ and $y = 3$ has one solution point (x, y) . What is it?

Answer: _____

12. Solve for x : $10 - x = 4$

Answer: _____