

Algebra

Name: _____

Chapter 4 Quiz Review

Date: _____ Period: _____

1. What is meant by a solution to an equation in two variables?
2. Is $(\frac{1}{2}, -2)$ a solution to $6x - 2y = 7$? Explain how you know.
3. Is $(4, -2)$ a solution to $y = 2x + 8$? Explain how you know.

Solve the following equations for y .

4. $3x + 6y = -18$

5. $4y - 8x = 32$

6. $\frac{1}{2}y - 3x = 2 + 2x$

7. $5x + \frac{1}{3}y = -6$

Graph using a table.

8. $y = 2x - 5$

9. $y = -2$

10. $y = -\frac{2}{3}x + 1$

11. $x = 3$

Sketch the graph using intercepts.

12. $3x - 5y = 30$

13. $-6x + 3y = 24$