

Student Name: _____

Score: _____

Parallel Lines Worksheet

Find the equation of line passing through the given point and parallel to the given equation:

$(2, 3)$ and $y = x + 4$

Answer: _____

$(-1, 0)$ and $y = 3x - 4$

Answer: _____

$(4, -2)$ and $3x - 2y = 1$

Answer: _____

$(0, 0)$ and $6x - y = 1$

Answer: _____

$(-2, -1)$ and $x + y + 1 = 0$

Answer: _____

$(-3, -7)$ and $5x + 6y - 2 = 0$

Answer: _____

Parallel lines Worksheet

Write an equation for the line containing the given point and parallel to the given line. Graph both lines on another sheet.

13. (0,6); $y - 3x = 4$

17. (-3, 2); $x - y = 5$

14. (-2, 4); $y = 2x - 3$

18. (-1, -1); $2y + 4x = 8$

15. (0, 2); $3y - x = 0$

19. (0, 0); $2x - y = 6$

16. (1, 0); $2x + y = -4$

20. (-4, 5); $3x - 2y = 6$