

More practice writing linear equations

Name _____

Write each equation in slope-intercept form.

1) $3x - 2y = -16$

2) $13x - 11y = -12$

3) $9x - 7y = -7$

4) $x - 3y = 6$

5) $6x + 5y = -15$

6) $4x - y = 1$

7) $11x - 4y = 32$

8) $11x - 8y = -48$

More practice writing linear equations Name _____

Write each equation in point slope form. Then, on a separate piece of paper, write equations 9-22 in slope-intercept form.

9. through (0, 4) perpendicular to $y = 4x - 3$

11. through (-1, 9) perpendicular to $y = \frac{1}{6}x + 3$

12. 12. through (6, 3) perpendicular to $y = -3x - 4$

13. through (20, 10) perpendicular to $y = -4x + 1$

17) through: (4, 2), parallel to $y = -\frac{3}{4}x - 5$

18) through: (-3, -3), parallel to $y = \frac{7}{3}x + 3$

19) through: (-4, 0), parallel to $y = \frac{3}{4}x - 2$

20) through: (-1, 4), parallel to $y = -5x + 2$

21) through: (2, 0), parallel to $y = \frac{1}{3}x + 3$

22) through: (4, -4), parallel to $y = -x - 4$

More practice writing linear equations

Name _____