

Linear Equations

Finding the Equation of a Line – Given the Slope and a point

Write the Linear Equation containing the following in Slope-Intercept Form:

1. $(4, -3)$ & $m = -1$	2. $(-5, -6)$ & $m = 2$
3. $(-7, 2)$ & $m = 3$	4. $(3, 5)$ & $m = -2$
5. $(6, -2)$ & $m = -3$	6. $(5, -2)$ & $m = 2$
7. $(7, 0)$ & $m = 4$	8. $(0, 9)$ & $m = -2$
9. $(5, -1)$ & $m = \frac{1}{5}$	10. $(-3, -2)$ & $m = \frac{1}{4}$

11. $(-5, -2) & m = \frac{7}{5}$	12. $(-4, -2) & m = 1$
13. $(5, 1) & m = \frac{1}{5}$	14. $(5, 1) & m = \frac{4}{5}$
15. $(4, 0) & m = \frac{3}{5}$	16. $(0, 1) & m = -\frac{1}{3}$
17. $(-3, 8) & m = -3$	18. $(11, -3) & m = 5$
19. $(4, -1) & m = \frac{-3}{4}$	20. $(10, -15) & m = -2$