

Linear Equations

Finding the Equation of a Line – Given the Slope and the Y-Intercept

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

1. $m = -2$ & $b = 5$	2. $m = 6$ & $b = -6$
3. $m = 0$ & $b = -12$	4. $m = 8$ & $b = 0$
5. $m = 0.5$ & $b = 0.75$	6. $m = -1$ & $b = -9$
7. $m = 5$ & $b = 2$	8. $m = 0.25$ & $b = -1$
9. $m = 11$ & $b = 7$	10. $m = -14$ & $b =$

11. $m = \frac{1}{8}$ & $b = -\frac{3}{4}$	12. $m = \frac{2}{3}$ & $b = \frac{1}{7}$
13. $m = -\frac{9}{10}$ & $b = \frac{2}{5}$	14. $m = \frac{-5}{6}$ & $b = \frac{-8}{11}$
15. $m = \frac{1}{3}$ & $b = \frac{5}{4}$	16. $m = -\frac{2}{9}$ & $b = \frac{7}{8}$
17. $m = \frac{9}{2}$ & $b = \frac{-1}{2}$	18. $m = \frac{7}{4}$ & $b = \frac{-9}{4}$
19. $m = -\frac{1}{4}$ & $b = -\frac{1}{4}$	20. $m = -\frac{11}{13}$ & $b = \frac{15}{13}$