

$y=mx+b$ Worksheet

Write an equation of the line with the given slope and y-intercept

1. slope: $\frac{2}{7}$, y-intercept: -3

2. slope: $\frac{8}{3}$, y-intercept: 0

3. slope: $-\frac{2}{3}$, y-intercept: -7

4. slope: $-\frac{2}{3}$, y-intercept: -4

5. slope: 0.8 , y-intercept: 10

6. slope: 1 , y-intercept: 1

7. slope: -1.6 , y-intercept: -5.6

8. slope: 1.5 , y-intercept: 1

Name the slope and y-intercept of the line with the given equation.

9. $y = 57x + 1$

10. $y = -x - 2$

Name: _____

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$$11. y = -\frac{1}{4}x - \frac{3}{4}$$

$$12. y = 5x - \frac{1}{5}$$

$$13. y = -1 + 3x$$

$$14. y = 16 + x$$

$$15. y = -\frac{8}{7}x$$

$$16. y = 6$$

$$17. y = 7x + 0.1$$

$$18. y = 10 - 0.75x$$

$$19. y = x$$

$$20. y = -\frac{1}{2}x + \frac{15}{4}$$