

- Find the Slope and Y-intercept for Each Equation

1) $y = -3x - 3$

slope = _____

y-intercept = _____

2) $y = 2x - 2$

slope = _____

y-intercept = _____

3) $y = -3x - 15$

slope = _____

y-intercept = _____

4) $y = \frac{1}{4}x - 2$

slope = _____

y-intercept = _____

5) $y = \frac{1}{3}x + 3$

slope = _____

y-intercept = _____

6) $y = -5x - 3$

slope = _____

y-intercept = _____

7) $y = \frac{1}{2}x + 4$

slope = _____

y-intercept = _____

8) $y = \frac{8}{3}x - 5$

slope = _____

y-intercept = _____

9) $y = 2x - 4$

slope = _____

y-intercept = _____

10) $y = \frac{7}{4}x - 3$

slope = _____

y-intercept = _____

11) $y = -\frac{7}{6}x + 10$

slope = _____

y-intercept = _____

12) $y = 5x + 3$

slope = _____

y-intercept = _____

13) $y = \frac{1}{3}x - 4$

slope = _____

y-intercept = _____

14) $y = -x + 2$

slope = _____

y-intercept = _____

15) $y = -\frac{7}{3}x + 4$

slope = _____

y-intercept = _____

16) $y = -\frac{4}{9}x - 3$

slope = _____

y-intercept = _____

17) $y = -x + 3$

slope = _____

y-intercept = _____

18) $y = -4x - 3$

slope = _____

y-intercept = _____

19) $y = x - 1$

slope = _____

y-intercept = _____

20) $y = \frac{5}{3}x - 4$

slope = _____

y-intercept = _____

Exercise 1: Slope and Y-intercept

21) $3x + 2y = 12$ slope = _____
y-intercept = _____

22) $-2x + y = -4$ slope = _____
y-intercept = _____

23) $-x + 3y = -6$ slope = _____
y-intercept = _____

24) $-5x + 4y = -16$ slope = _____
y-intercept = _____

25) $4x + 7y = -14$ slope = _____
y-intercept = _____

26) $-7x + 3y = 15$ slope = _____
y-intercept = _____

27) $-5x + 3y = -9$ slope = _____
y-intercept = _____

28) $3x + y = -12$ slope = _____
y-intercept = _____

29) $-3x + 2y = 6$ slope = _____
y-intercept = _____

30) $5x + 3y = 24$ slope = _____
y-intercept = _____

31) $-7x + 3y = 15$ slope = _____
y-intercept = _____

32) $-5x + 2y = 6$ slope = _____
y-intercept = _____

33) $-2x + 5y = 10$ slope = _____
y-intercept = _____

34) $-x + 2y = -20$ slope = _____
y-intercept = _____

35) $5x + 2y = -8$ slope = _____
y-intercept = _____

36) $-5x + 3y = -9$ slope = _____
y-intercept = _____

37) $7x + 4y = 16$ slope = _____
y-intercept = _____

38) $-6x + 4y = -12$ slope = _____
y-intercept = _____

39) $-x + 4y = -16$ slope = _____
y-intercept = _____

40) $x - y = 12$ slope = _____
y-intercept = _____