

Name _____

Point-slope form: $Y - Y_1 = m(X - X_1)$

- ① $m = 2; (3, 2)$
- ② $m = -3; (1, 4)$
- ③ $m = -5; (-1, 3)$
- ④ $m = 3; (-4, -7)$
- ⑤ $m = -1; (5, -2)$
- ⑥ $m = \frac{1}{2}; (6, 1)$
- ⑦ $m = -\frac{2}{3}; (3, 4)$
- ⑧ $m = \frac{4}{3}; (-2, 0)$
- ⑨ $m = -\frac{1}{4}; (2, 1)$
- ⑩ $m = 4; (-1, \frac{1}{2})$
- ⑪ $m = -2; (0, 0)$
- ⑫ $m = 0; (-5, \frac{3}{4})$

Find the slope: $m = \frac{Y_2 - Y_1}{X_2 - X_1}$

- ① (1, 5) (2, 7)
- ② (0, 1) (3, -8)
- ③ (2, -3) (4, -2)
- ④ (2, 5) (4, 2)
- ⑤ (-3, -5) (-1, 3)
- ⑥ (3, -1) (-6, -4)
- ⑦ (4, 1) (-4, 7)
- ⑧ (-1, 2) (3, 4)
- ⑨ (-1, -4) (2, 0)
- ⑩ (3, -1) (-3, 5)

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P. 347 (#6, 7, 24, 27, 30, 33, 43a, c)

P. 351 (2, 4, 8, 35a)

P. 355 (13, 23)