

Math 1300
Homework 10
Section 2.4

1. 2.4.8b Identify the slope only.

- a. -6
- b. -3
- c. 6
- d. 3
- e. None of the above

2. 2.4.16 Identify the y-intercept only.

- a. 2
- b. $\frac{4}{3}$
- c. $-\frac{4}{3}$
- d. -2
- e. None of the above

3. 2.4.22

- a. $y = 5x - 4$
- b. $y = -4x + 5$
- c. $y = -4x - 5$
- d. $y = -4x + 1$
- e. None of the above

4. 2.4.2

- a. $y = -\frac{1}{2}x + 1$
- b. $y = -\frac{1}{2}x + 2$
- c. $y = -2x + 2$
- d. $y = -2x + 1$
- e. None of the above

5. 2.4.24

a. $y = -\frac{3}{4}x - 2$

b. $y = -\frac{3}{4}x + 4$

c. $y = -\frac{3}{4}x + 2$

d. $y = -\frac{3}{4}x - 17$

e. None of the above

6. 2.4.26

a. $y = \frac{1}{5}x + 2$

b. $y = \frac{1}{5}x + \frac{2}{5}$

c. $y = \frac{1}{5}x - \frac{6}{5}$

d. $y = \frac{1}{5}x + 6$

e. None of the above

7. 2.4.28

a. $y = -3x - 7$

b. $y = -\frac{1}{3}x - 7$

c. $y = -3x + 1$

d. $y = -\frac{1}{3}x + 1$

e. None of the above

8. 2.4.30

a. $y = \frac{5}{4}x - 7$

b. $y = \frac{4}{5}x - 7$

c. $y = \frac{5}{4}x - \frac{35}{4}$

d. $y = \frac{4}{5}x - \frac{35}{4}$

e. None of the above

9. 2.4.32

a. $y = \frac{1}{3}x + 6$

b. $y = 3x + 6$

c. $y = \frac{1}{3}x - 2$

d. $y = 3x - 2$

e. None of the above

10. 2.4.34

a. $y = \frac{1}{5}x + \frac{6}{5}$

b. $y = \frac{1}{5}x - \frac{6}{5}$

c. $y = \frac{1}{5}x + 6$

d. $y = \frac{1}{5}x - 6$

e. None of the above