

Math 1300
Homework 11
Section 2.5

1. 2.5.2
 - a. Parallel
 - b. Perpendicular
 - c. Neither
 - d. None of the above

2. 2.5.6
 - a. Parallel
 - b. Perpendicular
 - c. Neither
 - d. None of the above

3. 2.5.10
 - a. Parallel
 - b. Perpendicular
 - c. Neither
 - d. None of the above

4. 2.5.16
 - a. Parallel
 - b. Perpendicular
 - c. Neither
 - d. None of the above

5. 2.5.12
 - a. Parallel
 - b. Perpendicular
 - c. Neither
 - d. None of the above

6. 2.5.20
 - a. Parallel
 - b. Perpendicular
 - c. Neither
 - d. None of the above

7. 2.5.22b

a. $y = -\frac{1}{2}x + 9$

b. $y = 2x - 1$

c. $y = -\frac{1}{2}x + \frac{23}{4}$

d. $y = 2x - 10$

e. None of the above

8. 2.5.24b

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

b. $y = -6x - 67$

c. $y = -6x + 18$

d. $y = \frac{1}{6}x - \frac{77}{6}$

e. None of the above

9. 2.5.34a

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

b. $y = -5x + 10$

c. $y = -5x + 98$

d. $y = \frac{1}{5}x + \frac{100}{5}$

e. None of the above

10. 2.5.38

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

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

c. $y = \frac{3}{4}x - \frac{19}{4}$

d. $y = \frac{3}{4}x + \frac{23}{4}$

e. None of the above