

Answers to Even-Numbered Review Exercises | **Test 2**

Chapter 2

Supplementary (§2.5, pp. 117-118)

10. $m = -\frac{8}{7}$; y-intercept: $(0, -\frac{24}{7})$

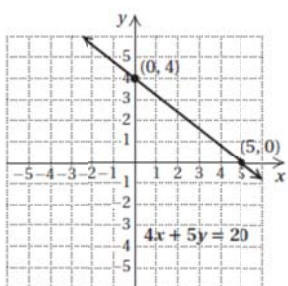
18. $m = \frac{1}{3}$

20. $m = -2$

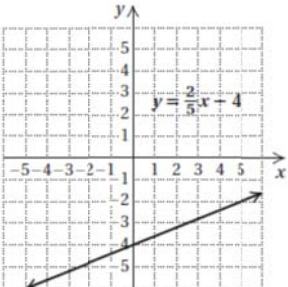
34. The rate of change is $-6\frac{2}{3}$ m / sec.

Supplementary (§2.6, pp. 127-128)

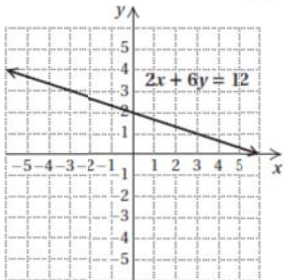
12.



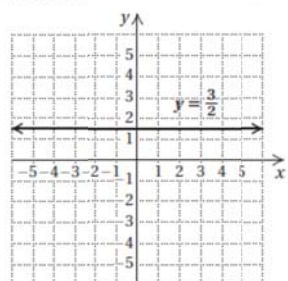
18.



24.



32.



Slope is zero.

Supplementary (§2.7, pp. 135-136)

18. $y = 4$

20. $y = -\frac{4}{5}x + \frac{23}{5}$

24. $y = x$

26. $y = \frac{5}{3}x - 5$

28. $y = 3x + 5$

44. $y = -2x - 10$