

Please let me know if you find any typos or errors in the answers below.

Section 1.3:

2, 1

4, 0

6, $-273/680$

10, x-int: -4 , y-int: $5/2$, slope: $5/8$, $y = 5x/8 + 5/2$

14, x-int: none, y-int: 5

16, x-int: 2, y-int: -6

26, $x = 2$

28, $y = 7x - 9$

44, $y = 20000 - 1900x$, \$12400, $200/19 = 10.52 \dots$ years

50, $3x + 157$, 289

Section 1.5:

2, b

4, DNE

6, b

8, -7

12, 18

14, $5/2$

16, DNE

18, -6

20, 5

26, $1/6$

28, $-\infty, +\infty$

34, 0, 0

36, $-\infty, -\infty$

38, 2, -3

40, DNE

46, -25

48, undetermined

52, calculator