

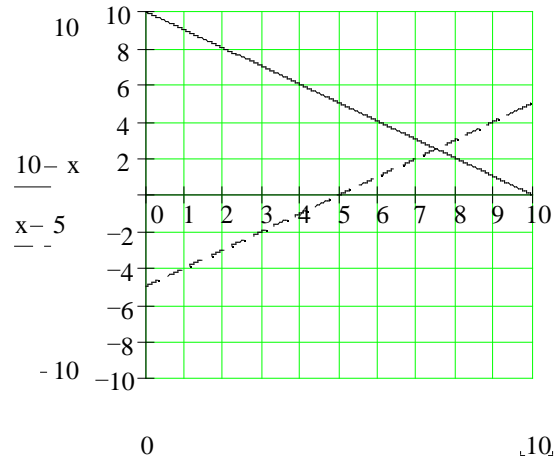
### 4.3 Graphical Solution of Systems

1) The ordered pair [point]:  $(-1, 1)$

3)

a) Answers will vary

b/c)



e)  $(7.5, 2.5)$

5)  $(2, -1)$

7) Inconsistent system—no solution

9)

a) They are the same.

b) There are an infinite number of solutions.

11)  $(1, 7)$

13)

a)

Miles Driven	Pinnacle's Cost	Competitor's Cost
50	\$20.50	\$22.50
60	\$23.00	\$23.00
70	\$25.50	\$23.50

b) 60 miles

c) Point of Intersection

15)

a)  $(500, 85)$

c) U-Drive

17)

a) Drive 0 miles—(set  $d$  equal to zero in the Cost formula): you get \$8.00.

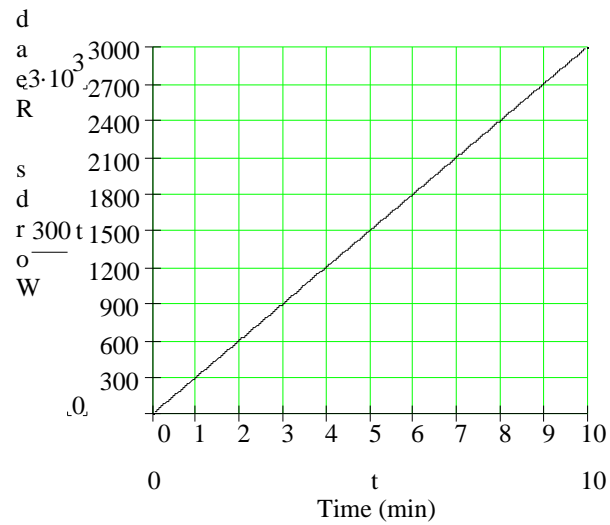
b) 
$$m = \frac{\$0.25}{\text{mi}}$$

19)

a)

Number of Minutes	Words Read
0	0
1	300
2	600
3	900
4	1200
5	1500

b)



c)  $w = 300t$ , where  $w$  is the number of words read after  $t$  minutes.