Extra Practice 6 – Master 6.25

Lesson 6.6

1. a)

x	y
1	6
2	7
3	8
4	9
5	10

b)

x	y
1	0
2	1
3	2
4	3
5	4

c)

x	y
1	−2
2	−4
3	−6
4	−8
5	−10

2. a)

x	y
−3	−11
−2	−9
−1	−7
0	−5
1	−3
2	−1
3	1

b)

x	y
−3	10
−2	7
−1	4
0	1
1	−2
2	−5
3	−8

c)

x	y
−3	1
−2	−1
−1	−3
0	−5
1	−7
2	−9
3	−11

3. (1, 5), (3, −1), (4, −4)

4. a)

r	C
1	13
2	16
3	19
4	22
5	25
6	28

b) $49

c) Stephanie went on 7 rides.

5. (−1, −7), (1, −3), (2, −1), (3, 1)

I looked at the number patterns:
−3, −2, −1, 0, 1, 2, 3 and
−11, −9, −7, −5, −3, −1, 1

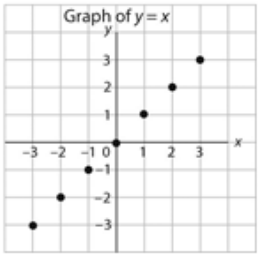
Extra Practice 7 – Master 6.26

Lesson 6.7

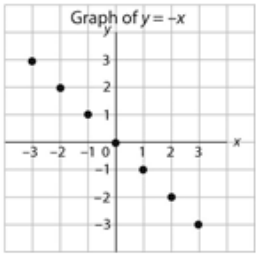
1. a) As x increases by 1, y decreases by 6. The graph is a line that goes down to the right.

b) As x increases by 1, y increases by 5. The graph is a line that goes up to the right.

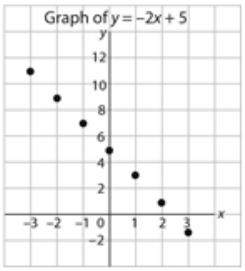
2. a)



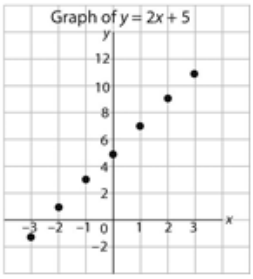
b)



c)



d)



3. (**–2**, 12), (1, **6**), (2, **4**)

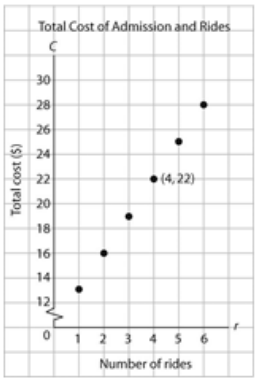
I used the patterns in the graph:

As x increases by 1, y decreases by 2.

4. a)

r	C
1	13
2	16
3	19
4	22
5	25
6	28

b)



c) As r increases by 1, C increases by 3. The graph is a line that goes up to the right.

d) (4, 22); Josh rode on 4 rides.