LESSON 3-2

Practice and Problem Solving: A/B

1.

x	y
−2	5
−1	1
3	1
−1	−2

2.

3. $\{0 \le x \le 4\}$; $\{0 \le y \le 4\}$; yes; each domain value is paired with exactly one range value.

4. $\{8, 9\}$; $\{−3, −4, −6, −9\}$; no; both domain values are paired with more than one range value.

5. $\{0, 1, 2\}$; $\{4, 5, 6, 7, 8\}$; no; two domain values are paired with two range values.
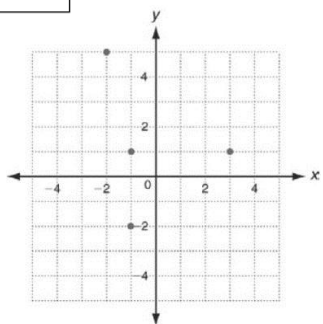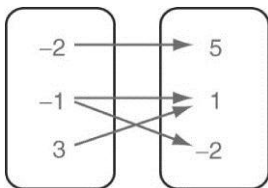
LESSON 3-3

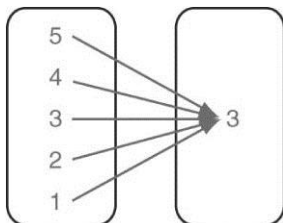### Practice and Problem Solving: A/B

1. cost; size

2. earnings; number of hours worked

3. total cost; number of pounds bought

4. $y = 8x$; $f(x) = 8x$

5. $y = 1.59x$; $f(x) = 1.59x$

6. independent: number of hours; dependent: total cost; function: $f(x) = 70x + 40$; solution: $320

7. independent: number of bags; dependent: total cost; function: $f(g) = 4g + 10$; solution: $66
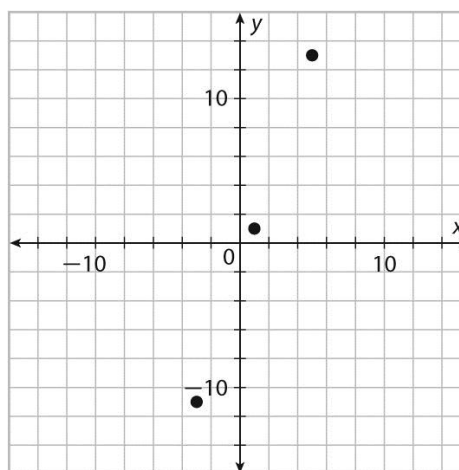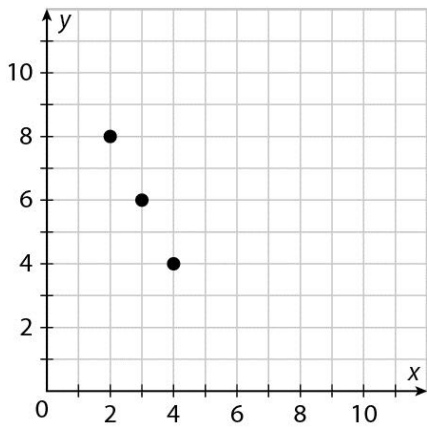
LESSON 3-4

Practice and Problem Solving: A/B

1.

x	y
−3	−11
1	1
5	13

Name _____ Date _____ Class_____

2.

x	y
2	8
3	6
4	4

x	y
0	−3
3.	8	5
3	0

4. 7.3 ft