

Activity 72

1.

a	b	w	z
0	0	0	0
1	1/2	1	2
2	2	2	4
4	8	3	6
6	18	4	8

 (242)
2. Graphs should match coordinates on tables.
3. Possibilities: 2 ducks, 9 cows;
4 ducks, 8 cows; 6 ducks, 7 cows;
8 ducks, 6 cows; 10 ducks, 5 cows;
12 ducks, 4 cows; 14 ducks, 3 cows;
16 ducks, 2 cows; 18 ducks, 1 cow

Activity 73

1. Graphs should use the following coordinates: (4, 0), (6, 1), (8, 2), (10, 3), (12, 4). (243)
2. $p = 0.10n + 2.00$

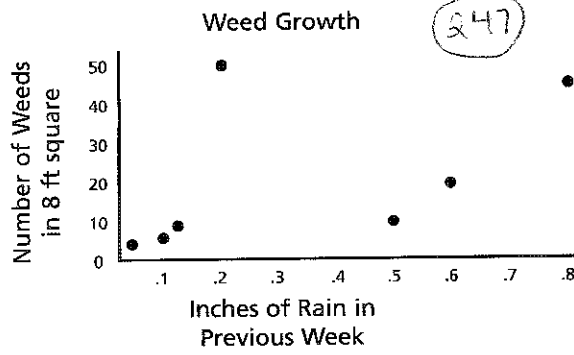
Activity 74

1. Graph coordinates: (1, 8), (2, 16), (3, 24), (4, 32)
Graph coordinates: (1, 25), (2, 50), (3, 75), (4, 100) (244)
2. Graph coordinates: (1, 2), (2, 4), (3, 6), (4, 8)
Graph coordinates: (1, 1.5), (2, 3), (3, 4.5), (4, 6)

Activity 75

1. Graph coordinates: (5, 1), (2, 2)
Shade the area above the line.
Graph coordinates: (3, 0), (6, 2)
2. Graph coordinates: (2, 5), (3, 8)
Shade the area below the line.
Graph coordinates: (4, 0), (5, 2) (245)

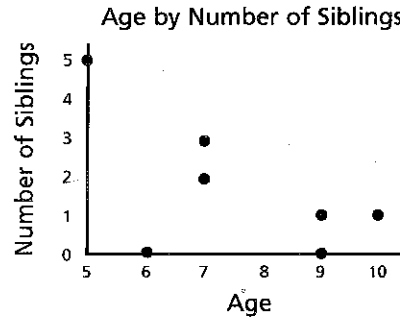
2.



3.

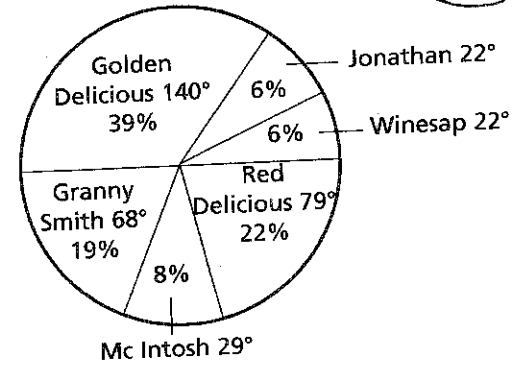


4.



5. Age by Number of Siblings

Creating a Circle Graph (page 89)



Reading Line Graphs (page 88)

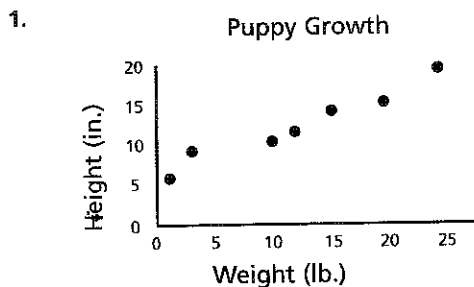
1. 29 in.; -2 in.; 15 in. (246)
2. between 2 and 4 months; 22 and 24 months
3. The federal minimum wage; no; the measurement of money (dollars? cents?)
4. 2 hr.; riding up between 20 and 60 minutes, riding down between 60 and 80 minutes

Reading Graphs (page 91)

1. Plainview, MN (249)
2. Corona, CA
3. Plainview: August to October. Corona: March to April
4. 12th grade
5. 7%
6. 34.6%
7. 70 miles
8. no
9. 350 miles

Scatter Plots (page 90)

Answers will vary. Possible answers include: (247)



The Bottom Line (page 92)

1. Sunday night (250)
2. 2 hours
3. 1.94 hours
4. The higher the amount of TV watched, the lower the test score.
5. 10
6. It's evenly distributed with five data points above six hours and five data points at 4 hours or less.