Answers

1. 3 to 2, or 3 : 2; For every 3 tulips, there are 2 lilies.

2. 8 to 4, or 8 : 4; For every 8 crayons, there are 4 markers.

3.

Shoes	7	28	49
Boots	2	4	14

7 : 2, 28 : 4, and 49 : 14

4.

Trains	3	12	18
Airplanes	8	32	48

3 : 8, 12 : 32, and 18 : 48

5. *Sample answer:* 20 liters for every 6 minutes

6. *Sample answer:* 15 tickets for every 60 points

7. 2 touchdowns per game

8. 3 text messages per minute

9. 20 entries per contest

10. 3 questions per minute

11. $60

12. 24-fluid-ounce shampoo; *Sample answer:* Because $0.20 is less than $0.22, the 24-fluid-ounce shampoo is the better buy.

13. a. 17 to 16, or 17 : 16; For every 17 Celtics championships, there are 16 Lakers championships.

    b. 3 to 4, or 3 : 4; For every 3 Pistons championships, there are 4 Spurs championships.

    c. 6 to 16, or 6 : 16; For every 6 Bulls championships, there are 16 Lakers championships.