

## Answer Key

### Chapter 1

#### 1a

- 1 5
- 2 5
- 3 9
- 4 8
- 5 7
- 6 9
- 7 9
- 8 8
- 9 9
- 10 4
- 11 9
- 12 4
- 13 6
- 14 6
- 15 9

#### 1b

- 1 3
- 2 2
- 3 2
- 4 2
- 5 3
- 6 5
- 7 5
- 8 1
- 9 1
- 10 4
- 11 6
- 12 7
- 13  $-; +$
- 14  $+; -$
- 15  $+; +$
- 16  $-; -$

#### 1c

- 1 333
- 2 555
- 3 777

Answers will vary

#### 1d

|   |    |    |    |
|---|----|----|----|
| 1 | 39 | 14 | 25 |
|   | 15 | 12 | 3  |
|   | 24 | 2  | 22 |

2

|    |    |    |
|----|----|----|
| 57 | 23 | 34 |
| 35 | 11 | 24 |
| 22 | 12 | 10 |

3

Answers will vary

#### 1e

- 1 840
- 2 5,003
- 3 59,100
- 4 14,990
- 5 12,009
- 6 22,000

#### 1f

- 1 14,082
- 2 14,002
- 3 14,029
- 4 14,092
- 5 14,055

#### 1g

- 1  $4,032 - 2,640 = 1,392$
- 2  $2,640 - 1,392 = 1,248$
- 3  $2,640 + 2,640 = 5,280$

#### 1h

- 1 9,922; Answers will vary
- 2 4,206; Answers will vary
- 3 10,261; Answers will vary

#### 1i

Answers will vary

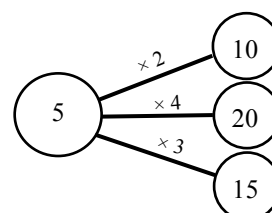
### Chapter 2

#### 2a

- 1 12
- 2 4
- 3 4; 8
- 4 Answers will vary

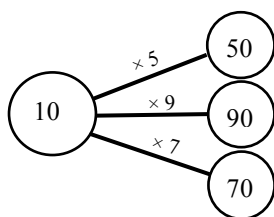
#### 2b

1

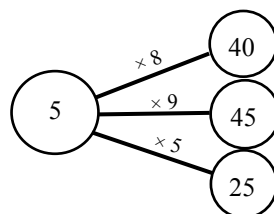


## Answer Key

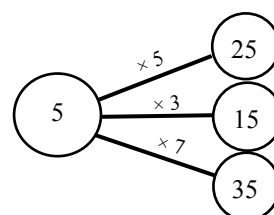
2



3



4



### 2c

- 1 3; 6; 9
- 2 7; 14; 21
- 3 9; 18; 27
- 4 8; 16; 16
- 5 16; 32; 32
- 6 12; 24; 24
- 7 25; 5; 20
- 8 45; 9; 36
- 9 35; 7; 28

### 2d

- 1 24; 28  
4; 20; 8
  - 2 42; 49  
7; 35; 14
- 91; Answers will vary

### 2e

- 1 16; 32; 32
- 2 50; 10; 40
- 3 56
- 4 48
- 5 24
- 6 40; 4; 36
- 7 80; 8; 72
- 8 60; 6; 54

### 2f

- 1 12
- 2 18
- 3 24
- 4 40
- 5 7
- 6 54
- 7 49
- 8 16
- 9 63
- 10 24
- 11 20
- 12 10
- 13 42
- 14 56
- 15 36
- 16 48
- 17 21
- 18 72
- 19 9
- 20 18
- 21 24
- 22 36
- 23 12
- 24 30

### 2g

- 1 4
- 2 4
- 3 5
- 4 3
- 5 9
- 6 8
- 7 6
- 8 2
- 9 2
- 10 8
- 11 6
- 12 3
- 13 6
- 14 7
- 15 2
- 16 6
- 17 5
- 18 9

## Answer Key

**2h**

800

7

9

Answers will vary

**2i**

Apples: 8

Peaches: 12

Kiwis: 20

Bananas: 16

Cherries: 36

Slices of melon: 4

**2j**

1

a. \$18

b. 3

2

a. \$24

b. 4

**2k**

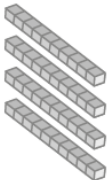
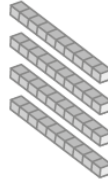
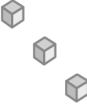
Answers will vary

## Chapter 3

**3a**

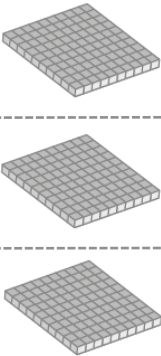
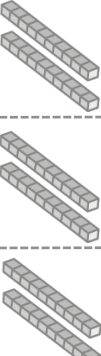
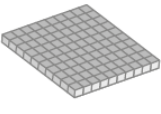
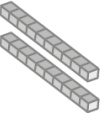
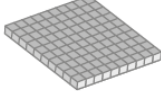
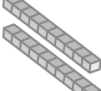
1

86

| Tens                                                                                | Ones                                                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
|  |  |

2

366

| Hundreds                                                                            | Tens                                                                                | Ones                                                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
|  |  |  |
|  |  |  |

3

868

4

6,424

**3b**

1

2

8

2

1

6; 8

3

2; 3

3; 3

4

4,444

5

3

6

3,636

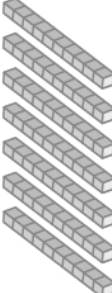
7

2

**3c**

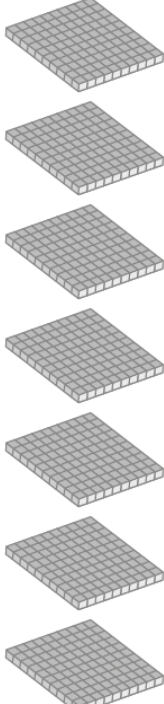
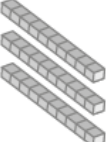
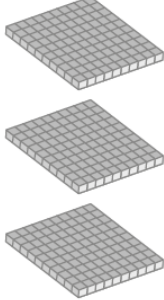
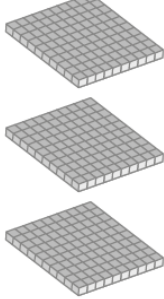
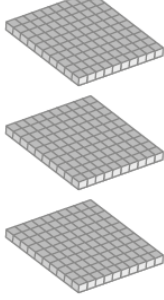
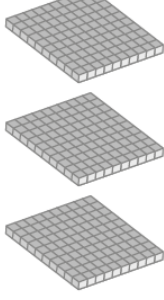
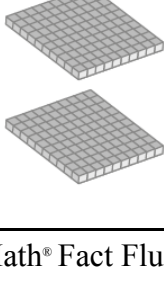
1

70

| Tens                                                                                 | Ones |
|--------------------------------------------------------------------------------------|------|
|  |      |

2

732

| Hundreds                                                                             | Tens                                                                                  | Ones                                                                                  |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
|  |                                                                                       |                                                                                       |
|  |                                                                                       |                                                                                       |
|  |                                                                                       |                                                                                       |
|  |                                                                                       |                                                                                       |
|  |                                                                                       |                                                                                       |

## Answer Key

$$\begin{array}{r} 3 \quad 225 \\ 4 \quad 3,132 \end{array}$$

**3d**

$$\begin{array}{r} 1 \quad 502 \\ \times 3 \\ \hline 1,506 \end{array}$$

$$\begin{array}{r} 2 \quad 523 \\ \times 4 \\ \hline 2,092 \end{array}$$

$$\begin{array}{r} 2 \quad 7,201 \\ \times 6 \\ \hline 43,206 \end{array}$$

$$\begin{array}{r} 4 \quad 196 \\ 5 \quad 2,538 \\ 6 \quad 23,034 \\ 7 \quad 62,040 \end{array}$$

**3e**

$$\begin{array}{l} 1 \quad 837 \times 3 = 2,511 \\ 2 \quad 65 \times 3 = 195 \\ 3 \quad 2,511 \times 5 = 12,555 \end{array}$$

**3f**

$$\begin{array}{l} 1 \quad 3 \\ 2 \quad 84; 6 \\ 3 \quad 100; 4 \\ 4 \quad 3,603; 3 \\ 5 \quad 12 \\ 6 \quad 14 \\ 7 \quad 25 \\ 8 \quad 11 \\ 9 \quad 30 \\ 10 \quad 23 \end{array}$$

**3g**

$$\begin{array}{l} 1 \quad 14 \\ 2 \quad 32 \\ 3 \quad 34 \text{ R } 1 \\ 4 \quad 15 \\ 5 \quad 28 \\ 6 \quad 21 \\ 7 \quad 33 \\ 8 \quad 16 \\ 9 \quad 14 \\ 10 \quad 23 \end{array}$$

**3h**

$$\begin{array}{r} 1 \quad 9 \ 8 \\ 3 \overline{)2 \ 9 \ 4} \\ \underline{2 \ 7 \ 0} \\ 2 \ 4 \\ \underline{2 \ 4} \\ 0 \end{array}$$

$$\begin{array}{r} 2 \quad 8 \ 7 \\ 4 \overline{)3 \ 4 \ 8} \\ \underline{3 \ 2 \ 0} \\ 2 \ 8 \\ \underline{2 \ 8} \\ 0 \end{array}$$

$$\begin{array}{r} 3 \quad 9 \ 2 \\ 7 \overline{)6 \ 4 \ 4} \\ \underline{6 \ 3 \ 0} \\ 1 \ 4 \\ \underline{1 \ 4} \\ 0 \end{array}$$

$$\begin{array}{r} 4 \quad 9 \ 4 \\ 8 \overline{)7 \ 5 \ 2} \\ \underline{7 \ 2 \ 0} \\ 3 \ 2 \\ \underline{3 \ 2} \\ 0 \end{array}$$

$$\begin{array}{r} 5 \quad 4 \ 3 \\ 5 \overline{)2 \ 1 \ 5} \\ \underline{2 \ 0 \ 0} \\ 1 \ 5 \\ \underline{1 \ 5} \\ 0 \end{array}$$

$$\begin{array}{r} 6 \quad 9 \ 8 \\ 6 \overline{)5 \ 8 \ 8} \\ \underline{5 \ 4 \ 0} \\ 4 \ 8 \\ \underline{4 \ 8} \\ 0 \end{array}$$

**3i**

$$\begin{array}{l} 1 \quad 60 \div 2 = 30 \\ \quad \text{Each player gets 30 cards.} \\ 2 \quad 60 \div 4 = 15 \\ 3 \quad \text{No; Answers will vary} \end{array}$$

## Answer Key

### 3j

- 1 Yes; Answer will vary
- 2 No; Answer will vary
- 3 Yes; Answer will vary
- 4 6
- 5 31 R 1
- 6 122 R 2

### 3k

- 1 8 R 3
- 2 2 R 2
- 3 68 R 4
- 4 61 R 1
- 5 323 R 6
- 6 915 R 1

### 3l

- 1 3; 10
- 2 4
- 3 No; Answers will vary

### 3m

- 1 18
- 2 4
- 3 9
- 4 56
- 5 6
- 6 0
- 7 21
- 8 9
- 9 8
- 10 7
- 11 56
- 12 12
- 13 50
- 14 0
- 15 8
- 16 2
- 17 4
- 18 6

### 3n

- 1 32 months
- 2 2 years 8 months
- 3 16 months
- 4 7 months
- 5 19 shelves

### 3o

Answers will vary

## Chapter 4

### 4a

Answers will vary

### 4b

- 1 4
- 2 6
- 3 5
- 4 4
- 5 5
- 6 3
- 7 1
- 8 9
- 9 6
- 10 9
- 11 1
- 12 8
- 13 3
- 14 8
- 15 5
- 16 4

### 4c

- 1  $110 + 43 = 153$
- 2  $55 + 6 + 17 + 73 = 151$
- 3  $110 \div 2 = 55$   
Tigers
- 4  $6 \times 4 = 24$   
Wolves
- 5  $153 + 151 + 26 = 330$

### 4d

- 1  $55 \times 12 = 660$
- 2  $26 \times 7 = 182$
- 3  $110 \times 11 = 1,210$   
 $43 \times 13 = 559$   
 $1,210 + 559 = 1,769$

### 4e

- 1  $7 \times 3$
- 2  $6 \times 3$
- 3  $7 \times 2$
- 4  $9 \times 3$
- 5  $8 \times 3$

## Answer Key

### 4f

- 1  $\times; -; +$
- 2  $\div; +$
- 3  $\times; +; -$
- 4  $\times; \times; \div$
- 5  $\times; \times; +$
- 6  $\div; \times; \div$
- 7  $\div; +; +; \div; +$

Answers will vary

### 4g

- 1 7
- 2 64
- 3 49
- 4 36
- 5 5
- 6 4
- 7 10
- 8 6
- 9 3
- 10 9
- 11 16
- 12 2
- 13 25
- 14 81
- 15 8
- 16 9

### 4h

- 1 42
- 2 56
- 3 8
- 4 9
- 5 8
- 6 48
- 7 7
- 8 42
- 9 8
- 10 56
- 11 72
- 12 7
- 13 6
- 14 48
- 15 6
- 16 72

### 4i

Answer will vary

## Chapter 5

### 5a

- 1  $21^{\circ}\text{F}$
- 2  $39^{\circ}\text{F}$
- 3  $31^{\circ}\text{F}$
- 4 None
- 5 Answers will vary. Sample: The average temperature is the typical temperature of the week.

### 5b

- 1 66  
6  
11
- 2 35  
5
- 3 56  
7
- 4 Answers will vary

### 5c

- 1 20 pounds
- 2 72 pounds
- 3 No. The average weight of the female Great Dane, Labrador, and German Shepherd is 85 pounds. The average weight of the male Labrador, Bulldog, and German Shepherd is 75 pounds.

### 5d

- 1  $61 - 47 = 14$
- 2 Answers will vary
- 3 Answers will vary

## Answer Key

### 5e

- 1 35  
12  
23
- 2 91  
11  
80
- 3 5  
2  
3
- 4 190  
101  
89

### 5f

- 1  $88,846 - 3,032 = 85,814$
- 2  $248,986 \div 8 = 31,123 \text{ R } 2$
- 3 Range:  
 $88,846 - 1,473 = 87,373$   
The range will increase by  
about 2,000 miles.  
Average:  
 $250,450 \div 9 = 27,827 \text{ R } 7$   
The average diameter will  
decrease by about 3,500 miles.

### 5g

- 1 4, 5, 5
- 2 2, 3, 3
- 3 4, 4, 4
- 4 96, 95, 100
- 5 30, 30, 30

### 5h

- 1  $7 - 0 = 7$
- 2  $40 \div 20 = 2$
- 3 2
- 4 0
- 5 Answers will vary

### 5i

- 1 toy duck, toy bear, ball
- 2  $\frac{1}{7}$
- 3  $\frac{2}{7}$
- 4  $\frac{4}{7}$
- 5  $\frac{6}{7}$

### 5j

- 1 triangle, circle or square
- 2  $\frac{1}{3}$
- 3  $\frac{1}{6}$
- 4  $\frac{1}{2}$
- 5  $\frac{1}{2}$
- 6 0

### 5k

- 1 a.  $\frac{2}{5}$   
b.  $\frac{3}{5}$   
c.  $\frac{4}{5}$
- 2 Answers will vary

### 5l

- 1 50
- 2 6
- 3 81
- 4 8
- 5 10
- 6 5
- 7 256
- 8 750
- 9 3,512
- 10 40
- 11 91 R 4
- 12 121

### 5m

- 1  $\frac{3}{4}$
- 2  $\frac{2}{3}$
- 3 Answers will vary

## Chapter 6

### 6a

- 1  $\frac{1}{1}$
- 2  $\frac{1}{2}$
- 3  $\frac{1}{3}$

## Answer Key

- 4  $\frac{1}{4}$   
 5  $\frac{2}{4}$   
 6  $\frac{3}{4}$   
 7  $\frac{2}{5}$   
 8  $<$   
 9  $>$   
 10  $=$   
 11  $>$   
 12  $<$   
 13  $=$   
 14  $>$   
 15  $>$   
 16  $=$   
 17  $>$

### 6b

- 1  $\frac{1}{2}, \frac{2}{4}, \frac{4}{8}, \frac{5}{10}$   
 2  $\frac{3}{9}, \frac{1}{3}, \frac{4}{12}, \frac{2}{6}$   
 3  $\frac{3}{4}, \frac{9}{12}, \frac{6}{8}$   
 4  $\frac{6}{10}, \frac{3}{5}, \frac{27}{45}$   
 5  $\frac{28}{63}, \frac{4}{9}, \frac{8}{18}$   
 6  $\frac{18}{63}, \frac{2}{7}, \frac{12}{42}$

### 6c

- 1  $\frac{1}{3}$

Answers will vary. Sample:



$$\frac{2}{6}$$

- 2  $\frac{3}{4}$

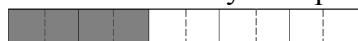
Answers will vary. Sample:



$$\frac{6}{8}$$

- 3  $\frac{2}{5}$

Answers will vary. Sample:



$$\frac{4}{10}$$

- 4 6  
 5 12  
 6 6; 6  
 7 8; 6; 12  
 8 Answers will vary. Sample:  
 $\frac{2}{8}, \frac{3}{12}, \frac{4}{16}, \frac{5}{20}$   
 9 Answers will vary. Sample:  
 $\frac{6}{10}, \frac{9}{15}, \frac{12}{20}, \frac{5}{25}$

### 6d

- 1 4  
 2 1  
 3 5  
 4  $\frac{1}{10}$   
 5  $\frac{1}{3}$   
 6  $\frac{1}{6}$   
 7  $\frac{1}{2}$   
 8  $\frac{1}{3}$   
 9  $\frac{9}{10}$   
 10  $\frac{1}{6}$   
 11  $\frac{1}{2}$   
 12  $\frac{3}{5}$   
 13  $\frac{1}{3}$   
 14  $\frac{1}{9}$   
 15  $\frac{2}{5}$

### 6e

- 1  $\frac{1}{2}, \frac{1}{2}, \frac{2}{2}$  or 1 whole  
 2  $\frac{1}{3}, \frac{1}{3}, \frac{2}{3}$   
 3  $\frac{2}{4}, \frac{1}{4}, \frac{1}{4}$

### 6f

- 1  $\frac{2}{2}$  or 1  
 2  $\frac{3}{3}$  or 1  
 3  $\frac{4}{5}$   
 4  $\frac{6}{7}$

## Answer Key

- 5  $\frac{1}{5}$   
 6  $\frac{1}{4}$   
 7  $\frac{2}{5}$   
 8  $\frac{4}{8}$   
 9  $\frac{5}{7}$

### 6g

- 1 12  
 2 

Each guest would have  $\frac{1}{3}$  of a pizza.

- 3  $\frac{8}{8} - \frac{2}{8} = \frac{6}{8}$  or  $\frac{3}{4}$

### 6h

- 1  $\frac{2}{4}$ ; 1  
 2  $\frac{10}{14}$ ;  $\frac{6}{7}$   
 3  $\frac{8}{10}$ ;  $\frac{9}{10}$   
 4  $\frac{2}{6}$ ;  $\frac{2}{3}$   
 5  $\frac{2}{6}$ ;  $\frac{1}{3}$   
 6  $\frac{6}{15}$ ;  $\frac{1}{5}$   
 7  $\frac{4}{8}$ ;  $\frac{1}{8}$   
 8  $\frac{8}{12}$ ;  $\frac{1}{3}$   
 9  $\frac{6}{8}$ ;  $\frac{2}{8}$ ;  $\frac{1}{2}$   
 10  $\frac{4}{40}$ ;  $\frac{16}{40}$ ;  $\frac{1}{2}$

### 6i

- 1  $\frac{3}{4}$   
 2  $\frac{1}{8}$   
 3  $\frac{1}{6}$   
 4  $\frac{3}{7}$   
 5  $\frac{2}{5}$   
 6 1  
 7  $\frac{11}{12}$

- 8  $\frac{5}{9}$   
 9  $\frac{5}{16}$

### 6j

- 1  $\frac{3}{4}$  inch  
 2  $\frac{3}{4}$  inch  
 3 Neither. Answers will vary

### 6k

- 1 9  
 9; 9; 54  
 9; 54; 9  
 2 56  
 8; 56; 8; 7; 56  
 7; 56; 8; =; 7

### 6l

- 1 4,210  
 2 3,882  
 3 4,510  
 4 5,680  
 5 6,054  
 6 86,002

### 6m

- 1 4; 5; 9; 1  
 2 10; 3; 13; 7  
 3 6  
 4 35  
 5 20

### 6n

- 1  $\frac{1}{2} + \frac{2}{5} = \frac{9}{10}$   
 2  $\frac{1}{4} + \frac{1}{5} = \frac{9}{20}$   
 3  $\frac{9}{10} - \frac{9}{20} = \frac{9}{20}$

### 6o

- 1  $\frac{1}{2}$ ;  $1\frac{1}{2}$   
 2  $\frac{1}{3}$ ;  $\frac{1}{3}$ ;  $\frac{4}{3}$ ;  $1\frac{1}{3}$

## Answer Key

### 6p

- 1  $2\frac{1}{4}$
- 2  $1\frac{1}{2}$
- 3  $1\frac{1}{4}$
- 4  $2\frac{1}{3}$
- 5  $2\frac{2}{3}$

### 6q

- 1  $4\frac{2}{3}$ ;  $2\frac{1}{3} + 2\frac{1}{3} = 4\frac{2}{3}$
- 2  $3\frac{2}{5}$ ;  $1\frac{1}{5} + 2\frac{1}{5} = 3\frac{2}{5}$
- 3  $3\frac{1}{2}$
- 4  $5\frac{1}{3}$
- 5  $1\frac{3}{4}$
- 6  $2\frac{4}{5}$
- 7  $5\frac{1}{2}$
- 8 2

### 6r

- 1  $1\frac{2}{5} + 2\frac{1}{5} = 3\frac{3}{5}$
- 2  $2\frac{2}{5} + 3\frac{3}{5} = 6$
- 3  $1\frac{2}{5} - \frac{3}{5} = \frac{4}{5}$
- 4  $1\frac{2}{5} + 1\frac{2}{5} = 2\frac{4}{5}$
- 5  $2\frac{4}{5} + 2\frac{2}{5} = 5\frac{1}{5}$

### 6s

Proper Fractions  $\frac{1}{2}, \frac{3}{4}, \frac{3}{5}, \frac{4}{7}$

Improper Fractions  $\frac{5}{4}, \frac{7}{5}, \frac{8}{7}, \frac{9}{4}$

Mixed Numbers  $1\frac{1}{2}, 4\frac{4}{5}, 2\frac{2}{3}, 1\frac{3}{4}$

- 1 Answers will vary. Sample: A fraction is a mixed number if it has a whole number and a fractional part.

- 2 Answers will vary. Sample: A fraction is an improper fraction

if its numerator is greater than its denominator.

- 3 Answers will vary. Sample: A fraction is a proper fraction if its numerator is smaller than its denominator.

## Chapter 7

### 7a

- 1  $\frac{6}{10}$
- 2  $\frac{2}{10}$ ; 0.2
- 3  $2\frac{5}{10}$ ; 2.5

### 7b

- 1  $\frac{3}{10}$ ; 0.3;  $\frac{6}{20}$
- 2  $\frac{2}{5}$ ; 0.4;  $\frac{4}{10}$
- 3  $3\frac{1}{10}$ ; 3.1;  $\frac{31}{10}$
- 4  $1\frac{1}{2}$ ; 1.5;  $\frac{3}{2}$ ;  $\frac{6}{4}$
- 5 1.4;  $1\frac{8}{20}$ ;  $1\frac{4}{10}$

### 7c

- 1  $\frac{3}{100}$ ; 0.03
- 2  $\frac{20}{100}$ ; 0.2
- 3  $\frac{48}{100}$ ; 0.48
- 4  $1\frac{64}{100}$ ; 1.64

### 7d

- 1 0.45
- 2 0.34
- 3 4.2
- 4 0.08
- 5 9
- 6 1.12
- 7 0.9
- 8 0.12

## Answer Key

9  $\frac{2}{5}$

10  $\frac{2}{25}$

11  $\frac{29}{100}$

12  $1\frac{67}{100}$

13  $4\frac{3}{50}$

14  $3\frac{1}{5}$

15  $25\frac{11}{100}$

16  $19\frac{2}{25}$

17 Answers will vary.

Sample:

$\frac{3}{5}, \frac{21}{35}, \frac{12}{20}, \frac{24}{40}$

18. Answers will vary.

Sample:

$\frac{3}{100}, \frac{6}{200}, \frac{12}{400}, \frac{15}{500}$

**7e**

1 >

2 >

3 <

4 =

5 =

6 >

7 <

8 >

9 =

**7f**

1 0.54

2 0.92

3 0.09

4 32 or 32.00

5 5.16

6 7.04

7 50.46

8 1.11

9 20.30

**7g**

1  $\frac{1}{4}$ ; 0.25

2  $\frac{1}{10}$ ; 0.1

3 Answer will vary. Sample: 0.2, 0.15, 0.18

**7h**

1  $\frac{35}{100}$

2 36

3 20

4 9

5 0.15

**7i**

|   |   |   |    |
|---|---|---|----|
| 1 | 4 | 2 | 8  |
|   | 2 | 3 | 6  |
|   | 8 | 6 | 48 |

|   |    |    |     |
|---|----|----|-----|
| 2 | 5  | 2  | 10  |
|   | 2  | 8  | 16  |
|   | 10 | 16 | 160 |

|   |    |     |       |
|---|----|-----|-------|
| 3 | 7  | 10  | 70    |
|   | 10 | 10  | 100   |
|   | 70 | 100 | 7,000 |

|   |    |    |     |
|---|----|----|-----|
| 4 | 10 | 10 | 100 |
|   | 5  | 1  | 5   |
|   | 50 | 10 | 500 |

**7j**

1  $\frac{5}{9}$

2  $\frac{9}{10}$

3  $\frac{4}{7}$

4  $\frac{47}{56}$

5  $3\frac{2}{3}$

6  $8\frac{1}{2}$

**7k**

1  $\frac{2}{5}$ ;

Answer will vary. Sample:



0.4

2  $\frac{1}{2}$ ;

Answer will vary. Sample:

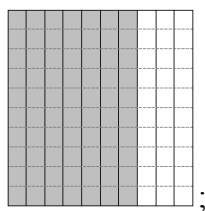


0.5

## Answer Key

3  $\frac{7}{10}$ ;

Answer will vary. Sample:



0.7

### 7l

- 1 2; 0.2
- 2 16; 0.16
- 3 35; 0.35
- 4 100; 0.8
- 5 100; 0.36
- 6 40; 0.4
- 7 45; 4.5
- 8 100; 2.25

### 7m

Answers will vary

## Chapter 8

### 8a

- 1 1; 9  
1.90
- 2 5; 4  
5.4
- 3 25; 0  
25.0
- 4 1  
0.1
- 5 1; 2; 4  
1.24
- 6 9; 0; 4  
9.04

### 8b

- 1 0.8  
+ 0.3  
1.1
- 2 0.5  
+ 0.7  
1.2

3 1.6  
+ 3.5  
5.1

4 4.8  
+ 1.4  
6.2

### 8c

1 0.3  
+ 0.6  
0.9

2 4.5  
+ 2.3  
6.8

3 0.5  
+ 0.5  
1.0

4 0.9  
+ 0.4  
1.3

5 1.2  
+ 1.9  
3.1

6 0.34  
+ 0.54  
0.88

7 0.37  
+ 0.48  
0.85

8 0.56  
+ 0.65  
1.21

9 0.7  
+ 0.90  
1.6

10 7.05  
+ 0.69  
7.74

11 1.09  
+ 0.91  
2.00

12 3.04  
+ 0.5  
3.54

## Answer Key

### 8d

$$\begin{array}{r} 1 \quad 1.4 \\ - 0.6 \\ \hline 0.8 \\ 2 \quad 3.2 \\ - 2.9 \\ \hline 0.3 \\ 3 \quad 8.2 \\ - 6.5 \\ \hline 1.7 \\ 4 \quad 5.7 \\ - 3.8 \\ \hline 1.9 \end{array}$$

### 8e

$$\begin{array}{r} 1 \quad 1.5 \\ - 0.9 \\ \hline 0.6 \\ 2 \quad 1.32 \\ - 0.54 \\ \hline 0.78 \\ 3 \quad 1.6 \\ - 0.5 \\ \hline 1.1 \\ 4 \quad 3.4 \\ - 0.7 \\ \hline 2.7 \\ 5 \quad 8.2 \\ - 5.9 \\ \hline 2.3 \\ 6 \quad 0.72 \\ - 0.38 \\ \hline 0.34 \\ 7 \quad 4.2 \\ - 0.5 \\ \hline 3.7 \\ 8 \quad 8.30 \\ - 0.60 \\ \hline 7.70 \\ 9 \quad 14.2 \\ - 1.3 \\ \hline 12.9 \\ 10 \quad 40.2 \\ - 0.05 \\ \hline 40.15 \end{array}$$

### 8f

$$\begin{array}{r} 1 \quad 8.6 \\ 2 \quad 0.07 \\ 3 \quad 0.6 \\ 4 \quad 2.39 \end{array}$$

### 8g

$$\begin{array}{l} 1 \quad \text{Answer will vary. Sample: a bracelet, a star charm, and a heart charm} \\ 2 \quad \$46.29 + \$12.57 + \$15.36 = \$74.22 \end{array}$$

### 8h

$$\begin{array}{l} 1 \quad \text{Disagree, because she also had to think about how to get as many charms as possible.} \\ 2 \quad \$46.29 + 12.57 + 15.36 + 28.70 + 10.06 = \$112.98 \\ \$112.98 - \$75.00 = \$37.98 \end{array}$$

## Chapter 9

### 9a

$$\begin{array}{l} 1 \quad \text{acute} \\ 2 \quad \text{obtuse} \\ 3 \quad \text{straight} \\ 4 \quad \text{right} \\ 5 \quad \text{Answers will vary. Accept any obtuse angle drawn.} \end{array}$$

### 9b

$$\begin{array}{l} 1 \quad 135^\circ; \text{ obtuse} \\ 2 \quad 135.8^\circ; \text{ obtuse} \\ 3 \quad 90^\circ; \text{ right} \\ 4 \quad 180^\circ; \text{ straight} \\ 5 \quad \text{Answers will vary. Accept any pair of angles with a total measure between } 90^\circ \text{ and } 180^\circ. \end{array}$$

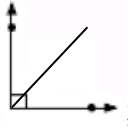
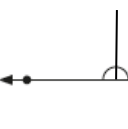
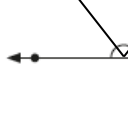
### 9c

$$\begin{array}{l} 1 \quad 40^\circ; \text{ acute} \\ 2 \quad 180^\circ; \text{ straight} \\ 3 \quad 90^\circ; \text{ right} \\ 4 \quad 16^\circ; \text{ acute} \\ 5 \quad 90^\circ; \text{ right} \\ 6 \quad 135^\circ; \text{ obtuse} \end{array}$$

## Answer Key

- 7 Answers will vary. Accept any two angle measurements that have a sum of  $90^\circ$ .
- 8 Answers will vary. Accept any two angle measurements that have a sum of  $90^\circ$ .
- 9 Answers will vary. Accept any two angle measurements that have a sum of  $90^\circ$ .

9d

- 1  ;  $45^\circ$
- 2  ;  $30^\circ$
- 3  ;  $90^\circ$
- 4  ;  $60^\circ$

9e

- 1  $45^\circ$ ; acute
- 2  $90^\circ$ ; right
- 3  $30^\circ$ ; acute
- 4  $120^\circ$ ; obtuse
- 5  $180^\circ$ ; straight

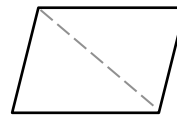
9f

- 1  $90^\circ$
- 2  $180^\circ$
- 3  $270^\circ$
- 4  $360^\circ$
- 5  $90^\circ$
- 6  $270^\circ$
- 7  $360^\circ$
- 8  $720^\circ$

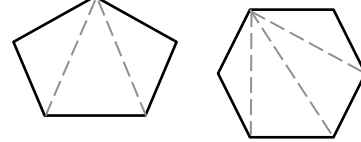
9g

- 1 14
- 2  $14 \text{ triangles} \times 180^\circ = 2,520^\circ$
- 3  $60^\circ$
- 4 obtuse. It is greater than  $90^\circ$
- 5  $60^\circ$  each

9h



Answers will vary. Sample:



1

| Name of Shape | Number of Sides | Number of Triangles Created | Total Measure of the Sngles in the Polygon (Number of Triangles $\times 180^\circ$ ) |
|---------------|-----------------|-----------------------------|--------------------------------------------------------------------------------------|
| Triangle      | 3               | 1                           | $180^\circ$                                                                          |
| Parallelogram | 4               | 2                           | $360^\circ$                                                                          |
| Pentagon      | 5               | 3                           | $540^\circ$                                                                          |
| Hexagon       | 6               | 4                           | $720^\circ$                                                                          |

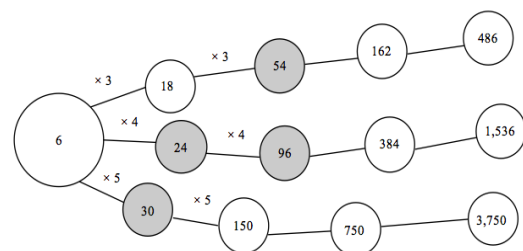
- 2 (number of sides  $- 2$ )  $\times 180^\circ$

9i

- 1 1,080  
 $180^\circ \times 6 = 1,080$
- 2 Answers will vary. Sample:  
 $1,080^\circ$  divided by 8 should give the measure of each angle.

## Chapter 10

10a



Answers will vary

## Answer Key

### 10b

- 1 24
- 2 7
- 3 6
- 4 9
- 5 9
- 6 5
- 7 8
- 8 8
- 9 3
- 10 1
- 11 0
- 12 14

### 10c

- 1 1,830
- 2 3,451
- 3 9,768
- 4 168
- 5 1,092
- 6 1,953

### 10d

- 1 15
- 2 178
- 3 83
- 4 291
- 5 11 R 1
- 6 115 R 2

### 10e

- 1 40; 400; 1,600
- 2 300; 1,200; 12,000
- 3 280; 2,800; 28,000
- 4 180; 1,800; 1,800
- 5 Answer will vary
- 6 Answer will vary

### 10f

- 1  $45 \times 5 = 225$  inches
- 2  $5 \times 60 = 300$  times
- 3  $300 \times 360^\circ = 108,000^\circ$

### 10g

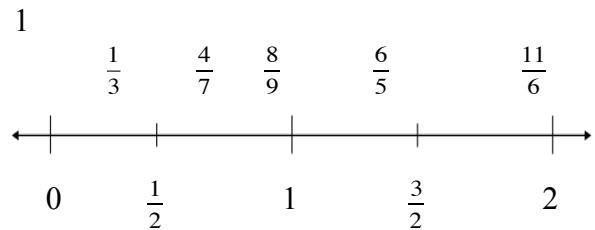
- 1  $3,000 \div 50 = 60$  laps
- 2  $60 \div 4 = 15$  laps
- 3  $280 \times 2 \times 5 = 2,800$  calories

### 10h

Answers will vary

## Chapter 11

### 11a



- 2  $\times \frac{1}{4} < \frac{1}{2}$ ;  $\times \frac{4}{6} > \frac{1}{2}$
- 3  $\times \frac{3}{4} < \frac{4}{5}$ ;  $\times \frac{4}{6} = \frac{2}{3}$
- 4  $\times \frac{2}{5} = \frac{4}{10}$ ;  $\times \frac{2}{10} > \frac{1}{7}$

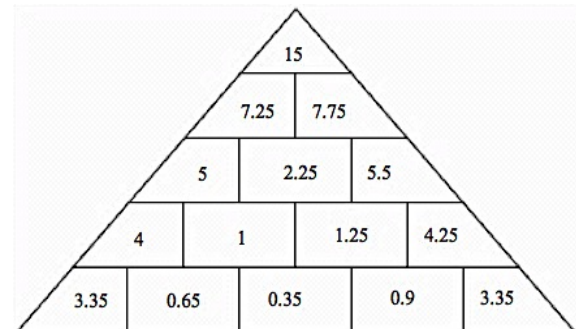
### 11b

- 1 1
- 2 4
- 3 10
- 4 2
- 5 5
- 6 0
- 7 2
- 8 10
- 9 5
- 10 4
- 11 7
- 12 5

### 11c

- 1 1.25
- 2 0.6
- 3 0.04
- 4 1.4
- 5 0.25
- 6  $1\frac{2}{5}$ ,  $\frac{5}{4}$ ,  $\frac{3}{5}$ ,  $\frac{5}{20}$ ,  $\frac{4}{100}$

### 11d



## Answer Key

### 11e

- 1  $\frac{2}{4} + \frac{5}{8} = \frac{9}{8}$  or  $1\frac{1}{8}$
- 2  $\frac{1}{3} + \frac{4}{6} = \frac{6}{6}$  or 1
- 3  $1\frac{1}{8} + 1 + 3\frac{7}{8} = 5\frac{8}{8}$  or 6

### 11f

0.50; 0.29; 0.2 or 0.20; 0.17  
Answers will vary

## Chapter 12

### 12a

- 1  $5\frac{3}{4}$
- 2  $11\frac{3}{4}$
- 3  $10\frac{3}{8}$
- 4  $5\frac{3}{16}$
- 5  $13\frac{7}{12}$
- 6  $13\frac{3}{16}$
- 7  $1\frac{1}{4}$
- 8  $2\frac{1}{2}$
- 9  $21\frac{1}{2}$
- 10  $1\frac{1}{4}$ ,  $2\frac{1}{2}$ ,  $5\frac{3}{16}$ ,  $5\frac{3}{4}$ ,  $10\frac{3}{8}$ ,  $11\frac{3}{4}$ ,  
 $13\frac{3}{16}$ ,  $13\frac{7}{12}$ ,  $21\frac{1}{2}$

### 12b

- 1 5
- 2 3
- 3 3
- 4 2
- 5 6
- 6 5
- 7 3
- 8 8
- 9 6

### 12c

- 1 3
- 2 2
- 3 8
- 4  $2\frac{5}{8}$
- 5  $4\frac{1}{2}$
- 6  $3\frac{3}{4}$
- 7 4
- 8 8
- 9 2

### 12d

- 1 9
- 2 10,560
- 3 24
- 4 36
- 5 880
- 6 54
- 7 40
- 8 63,360
- 9 0.5
- 12  $4\frac{1}{3}$
- 11  $\frac{1}{24}$
- 12  $\frac{1}{12}$

### 12e

- 1  $6\frac{2}{3}$
- 2 660 ft
- 3 80 min
- 4 120 ft
- 5  $1\frac{1}{6}$  ft

### 12f

### 12g

| Gallon       | 1   | 3   | 5   | 14    | 20    | 25    | $\frac{1}{2}$ | $\frac{1}{4}$ | $\frac{1}{16}$ |
|--------------|-----|-----|-----|-------|-------|-------|---------------|---------------|----------------|
| Quart        | 4   | 12  | 20  | 56    | 80    | 100   | 2             | 1             | $\frac{1}{4}$  |
| Pint         | 8   | 24  | 40  | 112   | 160   | 200   | 4             | 2             | $\frac{1}{2}$  |
| Cup          | 16  | 48  | 80  | 224   | 320   | 400   | 8             | 4             | 1              |
| Fluid Ounces | 128 | 384 | 640 | 1,792 | 2,560 | 3,200 | 64            | 32            | 8              |

- 1 About 9.6 pints
- 2 About 160 ounces

## Answer Key

- 3 About 32,000 cups  
 4 Approximately  $\frac{1}{10}$ ; Answers will vary

### 12h

- 1 3,600  
 2 5  
 3 1,440  
 4 86,400  
 5 30  
 6  $\frac{1}{4}$   
 7  $\frac{1}{3}$   
 8  $\frac{1}{12}$

### 12i

- 1  $4.75 \times 60 = 285$  minutes  
 2 195 minutes = 3 hours 15 minutes  
 3 2,375 miles  
 4 1,625 miles

### 12j

- 1 12  
 2 6  
 3 20  
 4 1  
 5 9  
 6 6  
 7 64  
 8 3  
 9 8  
 10 16  
 11 7  
 12 8  
 13 48  
 14 5  
 15 36

### 12k

Answers will vary

1

|   |   |   |   |   |
|---|---|---|---|---|
| × | 1 | 2 | 3 | 4 |
| 1 |   |   |   |   |
| 2 |   |   |   |   |
| 3 |   |   |   |   |
| 4 |   |   |   |   |

or

|   |   |   |   |   |
|---|---|---|---|---|
| × | 1 | 2 | 3 | 4 |
| 1 |   |   |   |   |
| 2 |   |   |   |   |
| 3 |   |   |   |   |
| 4 |   |   |   |   |

12; 12  
 3; 4

2

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| × | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 |   |   |   |   |   |   |
| 2 |   |   |   |   |   |   |
| 3 |   |   |   |   |   |   |
| 4 |   |   |   |   |   |   |
| 5 |   |   |   |   |   |   |
| 6 |   |   |   |   |   |   |

or

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| × | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 |   |   |   |   |   |   |
| 2 |   |   |   |   |   |   |
| 3 |   |   |   |   |   |   |
| 4 |   |   |   |   |   |   |
| 5 |   |   |   |   |   |   |
| 6 |   |   |   |   |   |   |

24; 24  
 6; 4

### 13b

- 1 3; 4  
 12  
 2 5; 5  
 25  
 3 6; 8  
 48

### 13c

- 1 28  
 2 27; 5; 135  
 3 168 in.<sup>2</sup>  
 4 49 ft<sup>2</sup>  
 5 100 yd<sup>2</sup>  
 6 64 ft<sup>2</sup>

### 13d

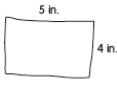
- 1 10; 4;  
 28 cm  
 40 cm<sup>2</sup>  
 2 3; 3  
 12 cm  
 9 cm<sup>2</sup>  
 3 8; 6  
 28 cm  
 48 cm<sup>2</sup>

## Chapter 13

### 13a

## Answer Key

**13e**

| Length | Width | Sketch                                                                            | Area                | Perimeter |
|--------|-------|-----------------------------------------------------------------------------------|---------------------|-----------|
| 5 in.  | 4 in. |  | 20 in. <sup>2</sup> | 18 in.    |
| 4 ft   | 3 ft  | Answers will vary                                                                 | 12 ft <sup>2</sup>  | 14 ft     |
| 8 ft   | 2 ft  | Answers will vary                                                                 | 16 ft <sup>2</sup>  | 20 ft     |
| 5 yd   | 5 yd  | Answers will vary                                                                 | 25 yd <sup>2</sup>  | 20 fy     |
| 9 cm   | 2 cm  | Answers will vary                                                                 | 18 cm <sup>2</sup>  | 22 cm     |
| 6 mm   | 6 mm  | Answers will vary                                                                 | 36 mm <sup>2</sup>  | 24 mm     |

**13f**

Answers will vary

**13g**

$$\text{Perimeter} = 6 + 8 + 4 + 4 + 10 + 12 = 44 \text{ yd}$$

$$\text{Area} = (12 \times 6) + (4 \times 4) = 88 \text{ yd}$$

or

$$\text{Area} = (8 \times 6) + (4 \times 10) = 88 \text{ yd}$$

Answers will vary

**13h**

$$\begin{aligned} 1 \quad \text{Perimeter} &= 7 + 7 + 4 + 7 + 7 + 7 + 4 + 7 \\ &= 50 \text{ ft} \\ \text{Area} &= (7 \times 7) + (7 \times 7) \\ &= 98 \text{ ft}^2 \end{aligned}$$

$$\begin{aligned} 2 \quad \text{Perimeter} &= 3 + 20 + 2 + 10 + 3 + 21 + 2 + 9 \\ &= 70 \text{ cm} \\ \text{Area} &= (3 \times 9) + (5 \times 11) + (3 \times 10) \\ &= 112 \text{ cm}^2 \end{aligned}$$

**13i**

2-2-4-8  
3-4-12-14  
5-5-25-20  
7-9-63-32

**13j**

$$\begin{aligned} 1 \quad &300 \text{ yd} \\ 2 \quad &4,664 \text{ yd}^2 \\ 3 \quad \text{Perimeter} &= (44 + 4 + 4) + (106 + 4 + 4) + (44 + 4 + 4) + (106 + 4 + 4) \\ &= 332 \text{ yd} \end{aligned}$$

$$\begin{aligned} 4 \quad \text{Area of the field and path} &= (44 + 4 + 4) \times (106 + 4 + 4) \\ &= 52 \times 114 \\ &= 5,928 \text{ yd}^2 \end{aligned}$$

$$\begin{aligned} \text{Area of the path} &= 5,928 - 4,664 \\ &= 1,264 \text{ yd}^2 \end{aligned}$$

**13k**

$$1 \quad \begin{array}{c} 4 \text{ ft} \\ \boxed{\phantom{00}} 2 \text{ ft} \end{array}$$

$$\begin{array}{c} 5 \text{ ft} \\ \boxed{\phantom{00}} 1 \text{ ft} \end{array}$$

$$\begin{array}{c} 3 \text{ ft} \\ \boxed{\phantom{00}} 3 \text{ ft} \end{array}$$

$$\begin{aligned} 2 \quad &\text{Length} = 3 \text{ ft} \\ &\text{Width} = 3 \text{ ft} \\ 3 \quad &3 \text{ ft}^2 \end{aligned}$$

**13l**

$$1 \quad \begin{array}{c} 6 \text{ ft} \\ \boxed{\phantom{0000}} 4 \text{ ft} \end{array}$$

$$\begin{array}{c} 8 \text{ ft} \\ \boxed{\phantom{00}} 3 \text{ ft} \end{array}$$

$$\begin{array}{c} 12 \text{ ft} \\ \boxed{\phantom{000000}} 2 \text{ ft} \end{array}$$

$$\begin{aligned} 2 \quad &\text{Rug 1: } 20 \text{ ft} \\ &\text{Rug 2: } 22 \text{ ft} \\ &\text{Rug 3: } 28 \text{ ft} \end{aligned}$$

**13m**

$$\begin{aligned} 1 \quad &\text{False} \\ &\text{Answers will vary. Sample:} \\ &\begin{array}{cc} 10 & 15 \\ \boxed{\phantom{00}} 10 & \boxed{\phantom{00}} 5 \end{array} \end{aligned}$$

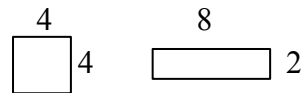
## Answer Key

Answers will vary. Sample: In my example, both shapes have a perimeter of 40. The area of the square is 100. The area of the rectangle is 75.

2

True

Answers will vary



Answers will vary. Sample: In my example, both shapes have an area of 16. The perimeter of the square is 16. The perimeter of the rectangle is 20.

## Chapter 14

### 14a

- |    |    |
|----|----|
| 1  | 4  |
| 2  | 5  |
| 3  | 9  |
| 4  | 8  |
| 5  | 18 |
| 6  | 12 |
| 7  | 11 |
| 8  | 8  |
| 9  | 14 |
| 10 | 15 |
| 11 | 13 |
| 12 | 16 |
| 13 | 6  |
| 14 | 16 |
| 15 | 7  |

### 14b

- |   |            |
|---|------------|
| 1 | 645        |
|   | + 307      |
|   | <u>952</u> |
| 2 | 438        |
|   | - 399      |
|   | <u>39</u>  |
| 3 | 1,000      |
|   | - 303      |
|   | <u>697</u> |

- |   |               |
|---|---------------|
| 4 | 6,542         |
|   | + 899         |
|   | <u>7,441</u>  |
| 5 | 12,015        |
|   | + 11,220      |
|   | <u>23,235</u> |
| 6 | 11,101        |
|   | - 999         |
|   | <u>10,102</u> |

### 14c

- |    |                 |
|----|-----------------|
| 1  | 1               |
| 2  | $\frac{2}{3}$   |
| 3  | $\frac{4}{7}$   |
| 4  | $\frac{3}{4}$   |
| 5  | $\frac{5}{9}$   |
| 6  | $\frac{4}{5}$   |
| 7  | $\frac{1}{3}$   |
| 8  | 0               |
| 9  | $\frac{2}{5}$   |
| 10 | $\frac{3}{8}$   |
| 11 | $\frac{1}{5}$   |
| 12 | $\frac{1}{18}$  |
| 13 | 4               |
| 14 | $11\frac{3}{4}$ |
| 15 | $2\frac{7}{10}$ |

### 14d

- |    |       |
|----|-------|
| 1  | 5.8   |
| 2  | 4.7   |
| 3  | 67.49 |
| 4  | 12    |
| 5  | 5.4   |
| 6  | 22.01 |
| 7  | 43.59 |
| 8  | 3.55  |
| 9  | 0.33  |
| 10 | 0.91  |

## Answer Key

### 14e

- 1  $76,273 - 20,345 = 55,928$
- 2  $55,928 - 25,176 = 30,752$

### 14f

- 1  $\frac{2}{9}$
- 2  $\frac{5}{9}$
- 3  $\frac{4}{9}$

### 14g

- 1 \$1.38; apple, banana
- 2  $\$1.25 - \$0.59 = \$0.66$
- 3  $\$0.79 + \$0.98 = \$1.77$

### 14h

Answers will vary

## Chapter 15

### 15a

- 1 6
- 2 27
- 3 3
- 4 16
- 5 2
- 6 35
- 7 9
- 8 15
- 9 8
- 10 48
- 11 12
- 12 6
- 13 1
- 14 0
- 15 4
- 16 2
- 17 6
- 18 10

### 15b

- 1 936
- 2 2,225
- 3 2,721
- 4 987
- 5 5,060
- 6 3,168

- 7 321 R 1
- 8 277
- 9 121

### 15c

- 1 2; 4  
6; 1
- 2 6; 4  
3; 8

### 15d

- 1 2.3
- 2  $3\frac{1}{2}$
- 3 10.4
- 4 6.9
- 5 4.2
- 6 9.3
- 7 0.56
- 8  $\frac{93}{100}$
- 9 2.12
- 10 3.2
- 11  $9\frac{13}{100}$
- 12 0.8
- 13 Answers will vary
- 14 Answers will vary
- 15 Answers will vary

### 15e

- 1 42
- 2 14
- 3 7
- 4 \$252  
\$84  
\$42
- 5 Yes; Answers will vary

### 15f

- 1 about 30,000
- 2 about 6,000
- 3 about  $\frac{1}{12}$
- 4 about  $\frac{2}{25}$
- 5 about 19,000

### 15g

- 1 Australia and Oceania
- 2 Europe

## Answer Key

- 3 about  $\frac{1}{7}$
- 4 Asia
- 5 Europe
- 6 Australia and Oceania
- 7 South America
- 8 Answers will vary
- 9 Answers will vary

### 15h

- 1 8,192,000,000
- 2 3 videos  
2 GB = 2,000 MB  
 $2,000 \div 512 = 3 \text{ R } 464$
- 3 3,400,000 KB  
3.4 GB = 3,400 MB  
3,400 MB = 3,400,000 KB
- 4 Answers will vary

### In a Minute I Can Do! Repeated Practice 1

- 1 40
- 2 5
- 3 90
- 4 20
- 5 45
- 6 18
- 7 10
- 8 16
- 9 50
- 10 4
- 11 60
- 12 6
- 13 70
- 14 30
- 15 25
- 16 8
- 17 40
- 18 20
- 19 30
- 20 80
- 21 12
- 22 10
- 23 10
- 24 100
- 25 15

- 26 14
- 27 2
- 28 50
- 29 35
- 30 20

### In a Minute I Can Do! Repeated Practice 2

- 1 12
- 2 32
- 3 16
- 4 15
- 5 24
- 6 9
- 7 6
- 8 6
- 9 27
- 10 2
- 11 3
- 12 8
- 13 7
- 14 3
- 15 21
- 16 20
- 17 30
- 18 24
- 19 18
- 20 12
- 21 10
- 22 9
- 23 4
- 24 40
- 25 8
- 26 36
- 27 4
- 28 1
- 29 5
- 30 28

### In a Minute I Can Do! Repeated Practice 3

- 1 12
- 2 48
- 3 27
- 4 28
- 5 9
- 6 40
- 7 30

## Answer Key

|    |    |
|----|----|
| 8  | 18 |
| 9  | 35 |
| 10 | 24 |
| 11 | 18 |
| 12 | 56 |
| 13 | 24 |
| 14 | 36 |
| 15 | 49 |
| 16 | 63 |
| 17 | 16 |
| 18 | 32 |
| 19 | 36 |
| 20 | 42 |
| 21 | 64 |
| 22 | 42 |
| 23 | 14 |
| 24 | 56 |
| 25 | 81 |
| 26 | 21 |
| 27 | 45 |
| 28 | 48 |
| 29 | 8  |
| 30 | 63 |

### In a Minute I Can Do! Repeated Practice 4

|    |    |
|----|----|
| 1  | 0  |
| 2  | 20 |
| 3  | 7  |
| 4  | 6  |
| 5  | 10 |
| 6  | 80 |
| 7  | 64 |
| 8  | 8  |
| 9  | 24 |
| 10 | 40 |
| 11 | 4  |
| 12 | 16 |
| 13 | 8  |
| 14 | 30 |
| 15 | 40 |
| 16 | 10 |
| 17 | 9  |
| 18 | 28 |
| 19 | 63 |
| 20 | 0  |
| 21 | 28 |
| 22 | 70 |
| 23 | 50 |

|    |    |
|----|----|
| 24 | 48 |
| 25 | 81 |
| 26 | 36 |
| 27 | 27 |
| 28 | 18 |
| 29 | 14 |
| 30 | 36 |

### In a Minute I Can Do! Repeated Practice 5

|    |    |
|----|----|
| 1  | 6  |
| 2  | 14 |
| 3  | 16 |
| 4  | 35 |
| 5  | 24 |
| 6  | 63 |
| 7  | 56 |
| 8  | 54 |
| 9  | 27 |
| 10 | 0  |
| 11 | 9  |
| 12 | 32 |
| 13 | 18 |
| 14 | 32 |
| 15 | 45 |
| 16 | 42 |
| 17 | 40 |
| 18 | 32 |
| 19 | 72 |
| 20 | 42 |
| 21 | 50 |
| 22 | 48 |
| 23 | 12 |
| 24 | 6  |
| 25 | 90 |
| 26 | 25 |
| 27 | 80 |
| 28 | 21 |
| 29 | 54 |
| 30 | 45 |

### In a Minute I Can Do! Repeated Practice 6

|   |   |
|---|---|
| 1 | 1 |
| 2 | 3 |
| 3 | 8 |
| 4 | 8 |
| 5 | 6 |

**Answer Key**

|    |    |
|----|----|
| 6  | 6  |
| 7  | 3  |
| 8  | 10 |
| 9  | 5  |
| 10 | 8  |
| 11 | 9  |
| 12 | 10 |
| 13 | 7  |
| 14 | 6  |
| 15 | 8  |
| 16 | 6  |
| 17 | 5  |
| 18 | 10 |
| 19 | 9  |
| 20 | 1  |
| 21 | 5  |
| 22 | 9  |
| 23 | 5  |
| 24 | 8  |
| 25 | 9  |
| 26 | 3  |
| 27 | 4  |
| 28 | 8  |
| 29 | 7  |
| 30 | 10 |

**In a Minute I Can Do! Repeated Practice 7**

|    |    |
|----|----|
| 1  | 8  |
| 2  | 4  |
| 3  | 6  |
| 4  | 2  |
| 5  | 4  |
| 6  | 9  |
| 7  | 49 |
| 8  | 6  |
| 9  | 12 |
| 10 | 9  |
| 11 | 50 |
| 12 | 9  |
| 13 | 21 |
| 14 | 9  |
| 15 | 2  |
| 16 | 2  |
| 17 | 6  |
| 18 | 56 |
| 19 | 9  |
| 20 | 36 |
| 21 | 8  |

|    |    |
|----|----|
| 22 | 36 |
| 23 | 3  |
| 24 | 20 |
| 25 | 8  |
| 26 | 21 |
| 27 | 3  |
| 28 | 9  |
| 29 | 3  |
| 30 | 10 |

**In a Minute I Can Do! Repeated Practice 8**

|    |       |
|----|-------|
| 1  | 60    |
| 2  | 700   |
| 3  | 40    |
| 4  | 300   |
| 5  | 60    |
| 6  | 700   |
| 7  | 80    |
| 8  | 900   |
| 9  | 90    |
| 10 | 0     |
| 11 | 10    |
| 12 | 20    |
| 13 | 50    |
| 14 | 800   |
| 15 | 50    |
| 16 | 90    |
| 17 | 400   |
| 18 | 80    |
| 19 | 100   |
| 20 | 200   |
| 21 | 600   |
| 22 | 30    |
| 23 | 40    |
| 24 | 100   |
| 25 | 300   |
| 26 | 500   |
| 27 | 20    |
| 28 | 70    |
| 29 | 900   |
| 30 | 1,000 |

**In a Minute I Can Do! Repeated Practice 9**

|   |     |
|---|-----|
| 1 | 100 |
| 2 | 7   |
| 3 | 3   |

## Answer Key

|    |     |
|----|-----|
| 4  | 1   |
| 5  | 8   |
| 6  | 10  |
| 7  | 6   |
| 8  | 100 |
| 9  | 2   |
| 10 | 100 |
| 11 | 5   |
| 12 | 100 |
| 13 | 10  |
| 14 | 7   |
| 15 | 10  |
| 16 | 10  |
| 17 | 4   |
| 18 | 10  |
| 19 | 100 |
| 20 | 9   |
| 21 | 10  |
| 22 | 10  |
| 23 | 6   |
| 24 | 100 |
| 25 | 8   |
| 26 | 10  |
| 27 | 10  |
| 28 | 70  |
| 29 | 100 |
| 30 | 20  |

### In a Minute I Can Do! Repeated Practice 10

|    |     |
|----|-----|
| 1  | 70  |
| 2  | 100 |
| 3  | 100 |
| 4  | 200 |
| 5  | 10  |
| 6  | 50  |
| 7  | 6   |
| 8  | 10  |
| 9  | 200 |
| 10 | 10  |
| 11 | 50  |
| 12 | 100 |
| 13 | 70  |
| 14 | 7   |
| 15 | 10  |
| 16 | 10  |
| 17 | 300 |
| 18 | 80  |
| 19 | 100 |

|    |     |
|----|-----|
| 20 | 900 |
| 21 | 80  |
| 22 | 900 |
| 23 | 6   |
| 24 | 400 |
| 25 | 8   |
| 26 | 700 |
| 27 | 10  |
| 28 | 100 |
| 29 | 1   |
| 30 | 20  |

### In a Minute I Can Do! Repeated Practice 11

|    |    |
|----|----|
| 1  | 12 |
| 2  | 14 |
| 3  | 64 |
| 4  | 42 |
| 5  | 32 |
| 6  | 28 |
| 7  | 27 |
| 8  | 21 |
| 9  | 36 |
| 10 | 48 |
| 11 | 56 |
| 12 | 36 |
| 13 | 81 |
| 14 | 30 |
| 15 | 48 |
| 16 | 42 |
| 17 | 49 |
| 18 | 72 |
| 19 | 56 |
| 20 | 54 |
| 21 | 54 |
| 22 | 24 |
| 23 | 18 |
| 24 | 40 |
| 25 | 24 |
| 26 | 45 |
| 27 | 16 |
| 28 | 72 |
| 29 | 63 |
| 30 | 63 |

## Answer Key

### In a Minute I Can Do! Repeated Practice 12

|    |   |
|----|---|
| 1  | 9 |
| 2  | 6 |
| 3  | 7 |
| 4  | 8 |
| 5  | 6 |
| 6  | 9 |
| 7  | 5 |
| 8  | 8 |
| 9  | 8 |
| 10 | 8 |
| 11 | 6 |
| 12 | 7 |
| 13 | 7 |
| 14 | 7 |
| 15 | 7 |
| 16 | 9 |
| 17 | 7 |
| 18 | 9 |
| 19 | 9 |
| 20 | 9 |
| 21 | 9 |
| 22 | 7 |
| 23 | 9 |
| 24 | 8 |
| 25 | 7 |
| 26 | 9 |
| 27 | 6 |
| 28 | 6 |
| 29 | 8 |
| 30 | 8 |

### In a Minute I Can Do! Repeated Practice 13

|    |    |
|----|----|
| 1  | 1  |
| 2  | 18 |
| 3  | 4  |
| 4  | 28 |
| 5  | 3  |
| 6  | 36 |
| 7  | 27 |
| 8  | 4  |
| 9  | 24 |
| 10 | 3  |
| 11 | 32 |
| 12 | 9  |
| 13 | 24 |

|    |    |
|----|----|
| 14 | 6  |
| 15 | 4  |
| 16 | 5  |
| 17 | 30 |
| 18 | 48 |
| 19 | 5  |
| 20 | 28 |
| 21 | 56 |
| 22 | 54 |
| 23 | 1  |
| 24 | 35 |
| 25 | 3  |
| 26 | 48 |
| 27 | 8  |
| 28 | 4  |
| 29 | 3  |
| 30 | 72 |

### In a Minute I Can Do! Repeated Practice 14

|    |               |
|----|---------------|
| 1  | 1             |
| 2  | $\frac{3}{4}$ |
| 3  | 1             |
| 4  | $\frac{3}{5}$ |
| 5  | $\frac{3}{5}$ |
| 6  | $\frac{1}{3}$ |
| 7  | $\frac{4}{5}$ |
| 8  | 1             |
| 9  | $\frac{1}{2}$ |
| 10 | 1             |
| 11 | 1             |
| 12 | $\frac{3}{8}$ |
| 13 | $\frac{2}{5}$ |
| 14 | $\frac{1}{2}$ |
| 15 | $\frac{2}{3}$ |
| 16 | $\frac{2}{3}$ |
| 17 | $\frac{4}{5}$ |

## Answer Key

|    |               |
|----|---------------|
| 18 | $\frac{2}{3}$ |
| 19 | 1             |
| 20 | $\frac{1}{2}$ |
| 21 | $\frac{4}{5}$ |
| 22 | $\frac{1}{2}$ |
| 23 | $\frac{3}{4}$ |
| 24 | 1             |
| 25 | $\frac{7}{8}$ |
| 26 | 1             |
| 27 | $\frac{5}{6}$ |
| 28 | 1             |
| 29 | 1             |
| 30 | 1             |

### In a Minute I Can Do! Repeated Practice 15

|    |               |
|----|---------------|
| 1  | $\frac{3}{4}$ |
| 2  | $\frac{1}{5}$ |
| 3  | $\frac{1}{4}$ |
| 4  | $\frac{1}{7}$ |
| 5  | $\frac{2}{3}$ |
| 6  | $\frac{5}{8}$ |
| 7  | $\frac{1}{2}$ |
| 8  | $\frac{1}{5}$ |
| 9  | $\frac{1}{8}$ |
| 10 | $\frac{1}{2}$ |
| 11 | $\frac{5}{7}$ |
| 12 | $\frac{2}{7}$ |
| 13 | $\frac{1}{4}$ |
| 14 | $\frac{1}{4}$ |

|    |               |
|----|---------------|
| 15 | $\frac{3}{5}$ |
| 16 | $\frac{4}{7}$ |
| 17 | $\frac{1}{6}$ |
| 18 | $\frac{1}{4}$ |
| 19 | $\frac{1}{6}$ |
| 20 | $\frac{1}{2}$ |
| 21 | $\frac{3}{7}$ |
| 22 | $\frac{5}{8}$ |
| 23 | $\frac{1}{8}$ |
| 24 | $\frac{1}{3}$ |
| 25 | $\frac{2}{5}$ |
| 26 | $\frac{3}{8}$ |
| 27 | $\frac{2}{5}$ |
| 28 | 0             |
| 29 | $\frac{1}{6}$ |
| 30 | $\frac{3}{8}$ |