



$$3 \times 5,647 = 16,941$$

Multiply the ones, regroup.
 Multiply the tens, regroup.
 Multiply the hundreds, regroup.
 Multiply the thousands, regroup.

	Th	H	T	O
	1	1	2	
	5	6	4	7
x				3
	1	6	9	4
				1

1

$$\begin{array}{r} 2,317 \\ \times \quad 2 \\ \hline \end{array}$$

2

$$\begin{array}{r} 1,324 \\ \times \quad 3 \\ \hline \end{array}$$

3

$$\begin{array}{r} 2,222 \\ \times \quad 5 \\ \hline \end{array}$$

4

$$\begin{array}{r} 1,062 \\ \times \quad 6 \\ \hline \end{array}$$

5

$$\begin{array}{r} 4,116 \\ \times \quad 2 \\ \hline \end{array}$$

6

$$\begin{array}{r} 5,394 \\ \times \quad 8 \\ \hline \end{array}$$

7

$$\begin{array}{r} 1,252 \\ \times \quad 7 \\ \hline \end{array}$$

8

$$\begin{array}{r} 2,592 \\ \times \quad 9 \\ \hline \end{array}$$

9

$$\begin{array}{r} 5,416 \\ \times \quad 4 \\ \hline \end{array}$$

10

$$\begin{array}{r} 3,614 \\ \times \quad 6 \\ \hline \end{array}$$

11

$$\begin{array}{r} 5,400 \\ \times \quad 5 \\ \hline \end{array}$$

12

$$\begin{array}{r} 2,317 \\ \times \quad 8 \\ \hline \end{array}$$

13

$$\begin{array}{r} 1,730 \\ \times \quad 7 \\ \hline \end{array}$$

14

$$\begin{array}{r} 4,922 \\ \times \quad 9 \\ \hline \end{array}$$

15

$$\begin{array}{r} 5,011 \\ \times \quad 3 \\ \hline \end{array}$$

16

$$\begin{array}{r} 9,999 \\ \times \quad 8 \\ \hline \end{array}$$

- 12,110 8,764 8,232 3,972 5,819 18,536 15,033 4,634 44,298
 21,684 11,110 23,328 6,372 27,000 21,664 43,152 79,992

Write the number that is not an answer from the problems above.

Page 10 a. 271; b. 316; c. 153; d. 318; e. 471;
 f. 912; g. 136; h. 213; i. 581; j. 514;
 k. 149; l. 210; m. 481; n. 216; o. 176;

p. 410

Page 11 25, 40, 36, 21, 24, 21, 8;
 24, 24, 45, 12, 20, 15, 27;
 8, 15, 40, 20, 18, 28, 45;
 12, 35, 36, 30, 32, 16, 24;

x	8	2	9	3	1	7	5	4	6
3	24	6	27	9	3	21	15	12	18
4	32	8	36	12	4	28	20	16	24
5	40	10	45	15	5	35	25	20	30

Page 12 48, 48, 63, 18, 21, 56, 12;
 28, 56, 63, 24, 54, 18, 7;
 12, 42, 54, 35, 36, 28, 30;
 21, 42, 49, 36, 24, 14, 6

x	8	2	9	3	1	7	5	4	6
6	48	12	54	18	6	42	30	24	36
7	56	14	63	21	7	49	35	28	42

Page 13 64, 24, 63, 27, 56, 72, 18;
 81, 56, 27, 32, 8, 48, 54;
 48, 63, 54, 40, 36, 16, 45;
 24, 72, 63, 45, 32, 18, 9

x	8	2	9	3	1	7	5	4	6
8	64	16	72	24	8	56	40	32	48
9	72	18	81	27	9	63	45	36	54

Page 14 1. 3 customers; 2. Friday; 3. 26 customers; 4. \$260; 5. $8 - 1 = 7$ customers

Page 15 1. January 19th; 2. 20 days; 3. March 2nd; 4. March 16th;
 5. 5 weeks; 6. 60 days; 7. 56 days; 8. 120 days

Page 16 a. 4, 9, 7, 9, 8, 8; b. 9, 7, 5, 6, 5, 3;
 c. 7, 2, 1, 3, 6, 9; d. 9, 3, 6, 9, 27, 3, 27, 6, 18

Page 17 a. 9, 6, 1, 6, 2, 5; b. 6, 8, 8, 3, 4, 3;
 c. 1, 8, 1, 4, 5, 7; d. 9, 7, 9, 9, 54, 7, 35, 9, 63

Page 18 a. 2, 7, 4, 3, 9, 1; b. 9, 8, 5, 5, 8, 3;
 c. 6, 4, 2, 7, 6, 1; d. 9, 9, 4, 9, 81, 9, 72, 4, 36

Page 19 1. 8; 2. 5; 3. 8; 4. 2; 5. 6; 6. 6; 7. 9;
 8. 18; 9. 3; 10. 22; 11. 28; 12. 9; 13. 8; 14. 5

Page 20 2 in., $3\frac{1}{4}$ in., $5\frac{13}{16}$ in., $3\frac{1}{2}$ in., $4\frac{1}{4}$ in., $5\frac{1}{4}$ in.; a shadow

Page 21 13.5 cm, 7 cm, 11.5 cm, 10 cm, 12.5 cm, 6.5 cm, 1.5 cm, 7.5 cm, 14 cm, 8.5 cm;
 a garbage truck

Pages 22-23

1	2		3	4	5		6	7	8	9
8	2		9	1	1		7	6	6	4
10			11					12		
7	0		9	0	1	1		9	6	1
13							14	4	4	
1	0	4	7		6					5
	4		15	16				17		
			8	6	0		9		6	
18		19		20			21		22	
9		1		4	2	1		9	5	2
23	24						25			
6	8	4		3			3	1	0	6
26						27				
1	9	8				1	1	2		4

Page 24 276; 45; 638; 277; 116; 438; 1,409; 911; 140; 633

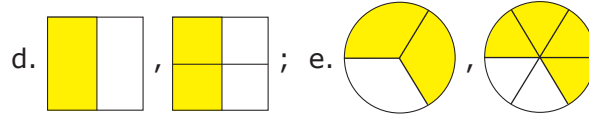
Page 25 a. 140, 201, 210, 588, 360, 420; b. 760, 388, 4,518, 2,916, 1,984, 900;
 c. 1,132, 1,572, 4,823, 1,035, 8,649, 1,800; d. $55 \times 3 = 165$ miles

Page 26 1. $9 \times 8 = 72$ petals; 2. ; 3. 12, 18, 24, 30, 36, 42, 48, 54; 4. 30

Page 27 1. parallel; 2. parallel; 3. perpendicular;
 4. parallel; 5. perpendicular; 6. perpendicular

Page 63 Refer to page 63.

Page 64 a. $\frac{2}{8}, \frac{5}{15}, \frac{8}{12}$; b. $\frac{9}{12}, \frac{35}{56}, \frac{3}{8}$; c. $\frac{12}{30}, \frac{4}{4}, \frac{20}{20}$;



Page 65 1. 44; 2. 25; 3. 25; 4. 47; 5. 16; 6. 99

Page 66

54 — 108
 198 — 1,188
 108 — 1,521
 1,188 — 54
 1,521 — 198
 1,457 — 1,457
 2,331 — 555
 555 — 2,331

Page 67 1. c; 2. b

Pages 68-69

1	2	3	4	5	6	7	8	9	
9	1		3	9	9	2	4	4	7
10	2	8	7	4	2	4	1	2	0
13	6	8	8	0	1	9	1		6
	5		7	9	5	2		1	
18	7		1	1	3	6	6	5	4
23	9	1	5	7		7	3	5	1
26	1	9	3		3	1	0		8

Page 70 5; 3, 24; 3, 12; 3, 27; 4, 8; 3, 21; 5, 5; 4, 24; 5, 25; 4, 40; 4, 32

Page 71 40 and 8; 42 and 7; 36 and 9, 6; 6 and 8, 6; 12 and 3, 2; 9 and 1; 5 and 5; 48 and 6

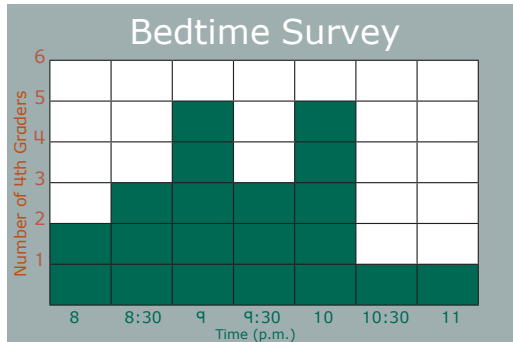
Page 72 1. 30; 2. 20; 3. 24, 48; 4. 12, 24, 36; 5. 12, 24; 6. 18

	Columns									
	x	1	2	3	4	5	6	7	8	9
1	1	1	2	3	4	5	6	7	8	9
2	2	2	4	6	8	10	12	14	16	18
3	3	3	6	9	12	15	18	21	24	27
4	4	4	8	12	16	20	24	28	32	36
5	5	5	10	15	20	25	30	35	40	45
6	6	6	12	18	24	30	36	42	48	54
7	7	7	14	21	28	35	42	49	56	63
8	8	8	16	24	32	40	48	56	64	72
9	9	9	18	27	36	45	54	63	72	81

Page 86

Type	Price	Type	Mileage
Chevy	9,393	Mazda	\$25,019
Ford	9,215	Ford	\$25,000
Honda	9,000	Honda	\$24,500
Mazda	8,993	Jeep	\$24,250
Jeep	8,945	Chevy	\$24,099

Page 87



Page 88

		24			12
	36		60		
8		44			32
			4		20
	16				
		40		28	

Page 89

- a. 10; b. 12; c. 24; d. 30; e. 28; f. 30; g. 20; h. 24; i. 30; j. 36

Page 90

1. ; 2. ; 3. ;

4. ; 5. $4 \times 2 = 8$

Page 91

1. 5, 6, 6; 9, 9, 9; 2. $3 \times 6 = 18$; 3. $8 \times 40 = 320$
 $6 \times 3 = 18$ $40 \times 8 = 320$
 $18 \div 3 = 6$ $320 \div 8 = 40$
 $18 \div 6 = 3$ $320 \div 40 = 8$

Page 92

- a. 500; b. 700; c. 200; d. 800; e. 100; f. 900; g. 600;
 h. 400; i. 400; j. 100; k. 2,000; l. 8,000; m. 6,000; n. 4,000;
 o. 10,000; p. 3,000; q. 7,000; r. 5,000; s. 3,000; t. 8,000

Page 93

1. 80; 2. 90; 3. 100; 4. 170; 5. 460; 6. 800; 7. 1,000

Page 110

1. <; 2. <; 3. >; 4. =;
 5. >; 6. >; 7. $\frac{1}{2} < \frac{5}{8}$; 8. $\frac{5}{8} > \frac{1}{4}$

Page 112

- b. >, $\frac{10}{15} > \frac{9}{15}$; c. >, $\frac{15}{18} > \frac{14}{18}$; d. >, $\frac{2}{4} > \frac{1}{4}$; e. <, $\frac{6}{9} < \frac{7}{9}$

Page 113

in a hambulance

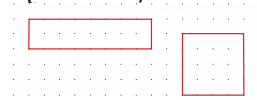
Page 114

1. sphere, cylinder, rectangular prism, cube;
 2. c; 3. a; 4. b; 5. d; 6. f; 7. e

Page 115

1. 8 square cm, 16 square cm; 2. 9 square cm, 30 square cm;

3. More than one correct answer, sample answer:



Page 116

- $4 + 4 = 8$, $4 \times 2 = 8$;
 $6 + 6 + 6 + 6 + 6 + 6 = 36$, $6 \times 6 = 36$;
 $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 64$, $8 \times 8 = 64$

Page 117

1. 22 cm; 2. 24 cm; 3. 12 cm; 4. 18 cm; 5. 31 cm

Page 118

- \$5.35; \$10.15; \$11.46; \$7.20; \$17.01

Page 119

1. ; 2. ; 3. ; 4.

Page 120

2. $\frac{61}{100}$; 3. $\frac{77}{100}$; 4. $\frac{91}{100}$

Page 121

- a. 6.86; b. 6.03; c. 1.35; d. 4.99; e. 6.7; f. 4.35; g. 5.62;
 h. 1.24 i. 1.01 seconds; j. \$21.00

Page 122

1. 174, 135, 602; 2. 301, 603, 776, 495; 3. c

Page 123

- 215, 201, 522, 474; 153, 288, 372, 36; 168, 248, 296, 188

Page 124

address

Page 125

trapezoid; rectangle; parallelogram; square; parallelogram; trapezoid

Page 126

- 90, 40, 40; 70, 120, 150; 600, 940, 490; 1,380, 1,990, 12,350

Page 127

- 280, 90, 240, 240, 210, 540

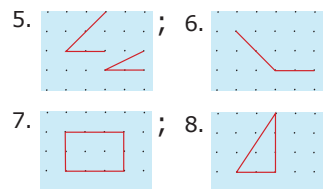
Page 128

1. congruent; 2. not; 3. not; 4. congruent; 5. congruent; 6. not

Page 129

1. right; 2. obtuse; 3. right; 4. acute;

5. - 8. More than one correct answer, sample answers:



Page 130

eardrums

Page 131

2. 14.2 cm; 3. 6.6 cm; 4. 11.2 cm;
 5. 14.9 cm; 6. 12.9 cm; Estimates will vary.
 7. More than one correct answer, sample answer:



Page 132

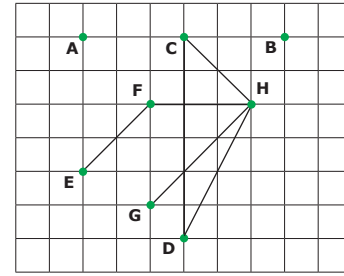
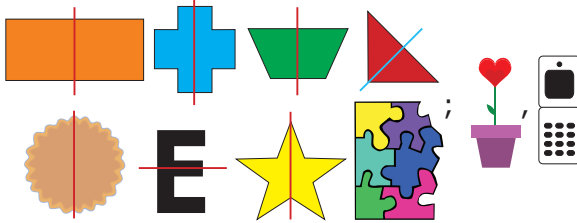
1. Tuesday; 2. 5 weeks; 3. 152 days; 4. May 29th; 5. 6 weeks; 6. 56 days

Pages 133-134

2. ten twenty-six, 10:26; 3. three fifty-eight, 3:58;
 4. one twenty-five, 1:25; 5. six twenty, 6:20; 6. nine thirty-one, 9:31

Page 135

1. intersecting lines; 2. parallel lines; 3. obtuse angle;



Page 136

Page 137

1. 1 out of 8; 2. 1 out of 4; 3. 1 out of 4; 4. 3 out of 8

Page 138

5, 7; 6, 4; 6, 5; 5, 5; 5, 3; 6, 7; 4, 2; 6, 8; 5, 1

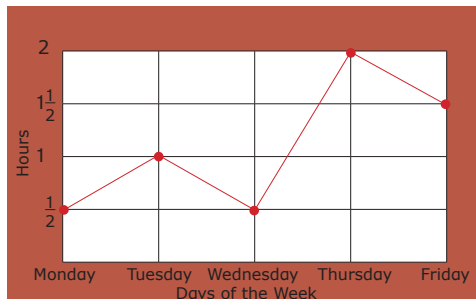
Page 139

1. 6, 12; 2. 80, 70, 40; 3. 43, 63, 73; 4. 11, 26, 36; 5. G, K, M, O; 6. 16, 22;



Page 140

1. 120 minutes; 2. 2 hours; 3. 2 days; 4. 330 minutes;



Page 141

25; 8; 4; 7; 27; 50; 3; 4

Page 142

a. 12; b. 18; c. 2; d. 81; e. 3; f. 36; g. 15; h. 21; i. 44; j. 27;

12	24	9	36	15	21
18	2	81	3	30	44
20	32	28	48	42	27

Page 143

a. 119; b. 32; c. 84; d. 69; e. 81; f. 9; g. 6; h. 39; i. 28; j. 3

Page 144

1. 2; 2. 27; 3. 32; 4. 43

Page 145

1. 199 items; 2. 92 more comics; 3. 19 video games; 4. \$10.00

Page 146

- \$90, She paid \$89 for the lawn mower.
- \$10, Mattie bought 3 shirts for a total of \$24.
- 1,300 pounds, It is possible for 50,000 bees to live in a beehive at one time.
- 32 weeks, He has also collected 201 baseball cards.

Page 147

1. 565; 2. 11,123; 3. 44,008; 4. 9,708; 5. 8,423; 6. 759;
7. 2,775; 8. 83,796; 564, 759, 2,775, 8,423, 9,708, 11,123, 44,008, 83,796

Page 148

1. 1,612; 2. 3,820; 3. 1,296; 4. 2,904; 5. 3,288; 6. 1,829;
7. 4,712; 8. 1,524; 9. 1,280; 10. 2,874; 11. 1,275; 12. \$6,026