

Answers

Page 1 1. 2; 2. 20; 3. 1; 4. 19; 5. even;
6. odd; 7. even; 8. even; 9. even; 10. odd

Page 2 2. one hundred one; 3. two hundred twenty-eight;
4. nine hundred fifty-two; 5. sixty-four; 6. six hundred thirty-nine;
7. forty-five; 8. one hundred forty-eight

Page 3 Sample checks will vary.

Page 4 2. $2,000 + 300 + 70 + 6$; 3. $700 + 6$; 4. $300 + 40 + 9$;
5. $5,000 + 200 + 80$; 6. $9,000 + 800 + 60 + 5$; 7. $2,000 + 300 + 40 + 1$

Page 5 2nd $1,000 + 600 + 60 + 7$, one thousand, six hundred sixty-seven;
3rd $1,000 + 400 + 80 + 3$, one thousand, four hundred eighty-three;
4th $1,000 + 400 + 50 + 1$, one thousand, four hundred fifty-one;
5th $1,000 + 300 + 80 + 1$, one thousand, three hundred eighty-one;
6th $1,000 + 300 + 60 + 2$, one thousand, three hundred sixty-two;
7th $1,000 + 200 + 80 + 3$, one thousand, two hundred eighty-three;
8th $1,000 + 200 + 60$, one thousand, two hundred sixty;

Page 6 a. 81; b. 91; c. 111; d. 101; e. 121; f. 92; g. 102; h. 112;
i. 93; j. 122; k. 73; l. 103; m. 83; n. 113; o. 123; p. 93

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

Page 8 a. 1,019; b. 655; c. 1,188; d. 1,200; e. 1,211; f. 1,750; g. 900;
h. 1,079; i. 942; j. 901

Page 9 1. 3,980 miles; 2. 3,917 miles; 3. 8,115 miles; 4. 155 miles; 5. 233 miles

Page 10 1. Joel; 2. Rick; 3. \$5; 4. Ann, Sue, Joel, and Alex; 5. Rick; 6. Rick

Page 11 1.  2.  3. C; 4. D; 5. B







Page 12 c. 80; a. 20; s. 50; u. 30; o. 10; n. 400; t. 200; f. 300; h. 700;
b. 500; a bunch of ants

Page 13 a. 113 (A), 110 (E); b. 125 (A), 120 (E); c. 98 (A), 100 (E);
d. 324 (A), 330 (E); e. 118 (A), 120 (E); f. 64 (A), 70 (E);
g. 934 (A), 900 (E); h. 1,881 (A), 1900 (E); i. 448 (A), 400 (E);
j. 130 (A), 100 (E); k. 1,022 (A), 1000 (E); l. 323 (A), 300 (E)

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(Cont'd.)

3. There are 6 pink parts out of 6 pink parts = $\frac{6}{6} = 1$
 4. More than one correct answer; sample answer: $\frac{7}{7} = \frac{8}{8} = \frac{9}{9} = \frac{10}{10} = \frac{100}{100} = 1$

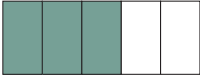

Page 110

$\frac{2}{3}$  = $\frac{4}{6}$ ; $\frac{3}{4}$  = $\frac{6}{8}$ ; $\frac{2}{4}$  = $\frac{4}{8}$ 

Page 111

- a. $\frac{2}{8}$, $\frac{2}{6}$, $\frac{6}{9}$; b. $\frac{6}{8}$, $\frac{15}{24}$, $\frac{3}{8}$; c. $\frac{8}{20}$, $\frac{12}{20}$, $\frac{5}{30}$

Page 112

1. $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{8}$, $\frac{5}{6}$; 2. $\frac{2}{4}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{7}{12}$; 3 and 4. More than one correct answer; sample answer: ; 

Page 113

1. $\frac{3}{7}$; 2. $\frac{1}{7}$; 3. green and pink; 4. More than one correct answer; sample answer: 

Page 114

1. false; 2. false; 3. true; 4. false; 5. unknown

Page 115

1	6	2	1		3	6	4	8		5	3	6	8		7	q
8	7		3				9	7	10	6		11	1		6	2
	5				12	5		13	4	14	8		6			
		15	5		16	2	17	5		q			18	3		
19	2	0		8		20	2	5		21	1	q				3

Page 116

- a. 10, 10, 12, 12, 15, 15; b. 8, 8, 35, 35, 40, 40;
 c. 42, 42, 45, 45, 7, 7; d. 28, 28, 24, 24, 21, 21

Page 117

- a. 2, 1, 5, 4, 3; b. 1, 4, 2, 3, 5; c. 2, 1, 3, 5, 4; d. 6, 9, 8, 7;
 e. 9, 7, 8, 6; f. 6, 9, 8, 7; a-c are 1 through 5, d-f are 6 through 9.

Page 118

- a-e.

3	1	4	9
3	6	9	4
		6	3
6	4	0	5
1	9	5	4

; g. hundreds; h. ones; i. tens;
 k. $4000 + 800 + 70 + 6$;
 l. $3000 + 400 + 60 + 7$; m. $8000 + 700 + 3$;
 o. seven thousand, two hundred thirteen

Page 119

- c. <; d. <; e. <; f. >; g. >; h. >; i. <; j. >; k. =;
 l. >; n. 39, 41, 48; o. 300, 398, 401; p. 29, 48, 52, 76

Page 120

2. one hour; 3. one hour and 15 minutes; 4. one hour and 5 minutes;
 5. Kansas City to New Orleans

Page 121

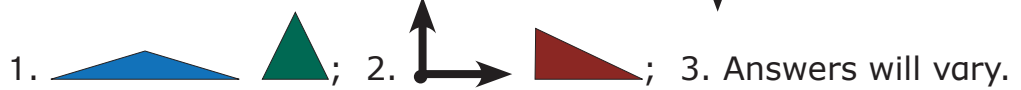
- a. 2 weeks; b. 2 years; c. 21 days; d. 4 weeks; e. 12 months; f. 28 days;
 g. <; h. >; i. >; j. >; k. =; l. =; m. >; n. <; o. =; p. <

Page 122

1. October 22; 2. August 13; 3. December 6; 4. August 1;
 5. September 11; 6. July 21; 7. September 18; 8. September 24



Page 166



Page 167

4	4	4	Rectangle
5	5	1	Pentagon
3	3	0	Equilateral-Triangle
3	3	1	Right Triangle
4	4	0	Parallelogram
6	6	0	Hexagon
4	4	0	Trapezoid
4	4	4	Square

Page 168

a. 240, 280, 200, 210, 540, 120; b. 160, 360, 150, 180, 320; c. 5,600, 4,000, 900, 600, 2,100

Page 169

Cam, 1 piece; Maria, 3 pieces; Liz, 5 pieces; Pam, 6 pieces

Pages 170-171

1. $20 \div 4 = 5$ $4 \times 5 = 20$; 2. $21 \div 7 = 3$ $7 \times 3 = 21$;
 3. $32 \div 8 = 4$ $8 \times 4 = 32$, 4. $45 \div 9 = 5$ $9 \times 5 = 45$;
 5. $18 \div 6 = 3$ $6 \times 3 = 18$; 6. $72 \div 8 = 9$ $8 \times 9 = 72$;
 7. $3 \div 1 = 3$ $1 \times 3 = 3$; 8. $40 \div 5 = 8$ $5 \times 8 = 40$;
 9. $27 \div 3 = 9$ $3 \times 9 = 27$;
 10.
$$\begin{array}{r} 4 \\ 3 \overline{)12} \end{array}$$
; 11. $10 \div 2 = 5$; 12.
$$\begin{array}{r} 3 \\ 2 \overline{)6} \end{array}$$

Page 172

a. 3, 8, 5, 7, 1; b. 4, 4, 4, 6, 4; c. 1, 9, 7, 5, 6;
 d. 4, 1, 6, 8, 7; e. 4, 9, 7, 2

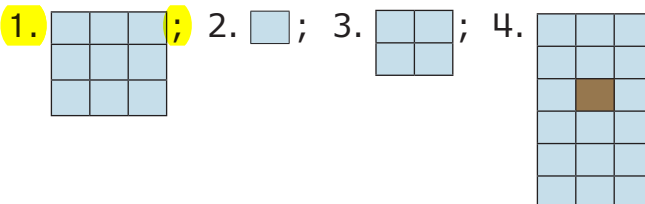
Page 173

1. $24 \div 6 = 4$ (first picture) ;
 2. $21 \div 3 = 7$ (middle picture)

Page 174

1. 10 units, 16 units, 8 units;
 2. 8 units, 12 units, 14 units, 10 units; 3. 26 units

Page 175



Page 176

1. 12 cm; 2. 14 cm; 3. 12 cm; 4. 17 cm

Page 177

1. $p = 12$ cm; 2. $p = 12$ cm; 3. Drawings will vary.

