Worksheet 1

A. 1. 10,000 2. 8,000 3. 5,000
4. 5,000 5. 3,000 6. 3,000
7. 7,000 8. 2,000

B. 1. 7,170

2. Diana's mistake is not rounding correctly. For 4,567, the hundreds digit is 5, so we round up to 5,000, not 4,000.

Worksheet 2

A. 1. 7.9 2. 1.3 3. 8.68
4. 5.33 5. 6.63

B. 32.56; 48.51

C. 1. a. 2. b. 3. c.

Worksheet 3

A.

Digit	Place Value
4	tenth
7	hundredths
6	tens
5	ones
2	thousandths

B. 2. 0.25 3. 0.63 4. 1.0

Worksheet 4

A. 1. a. > b. < c. <

2. 0.2
3. 0.06, 0.23, 0.4
4. 0.7
5. true
6. >0.5 - 0.61, 0.74, 0.85
   < 0.5 - 0.06, 0.14, 0.23
7. Accept all the relevant responses.
8. 0.07 9. 0.5
10. 0.04; 0.03

Worksheet 5

A. 1. < 2. < 3. <
4. < 5. < 6. >

B. 1. 4.87, 5.65, 7.95, 16.45, 41.38
2. 0.74, 15.08, 22.42, 32, 81.58
3. 0.5, 38.87, 55.01, 56.27, 92.41
4. 7.65, 10.65, 45, 65.25, 83.18

C. 1. 45.96, 31.66, 26.08, 21.11, 19.25
2. 89.93, 56.15, 43.62, 26.89, 10.24
3. 81.45, 75.10, 73.10, 67.88, 34.52
4. 89.25, 86.86, 36.12, 32.8, 29.40

Worksheet 6

A. 1. 93.24 2. 15.34 3. 85.68
4. 10.27 5. 48.12

B. No

C. 1. b 2. c 3. a

Worksheet 7

A. 1. $\frac{2}{3}$ 2. $\frac{4}{6}$ 3. $\frac{2}{4}$
4. $\frac{2}{5}$ 5. $\frac{1}{3}$ 6. $\frac{4}{4}$

B. Accept all the relevant responses.

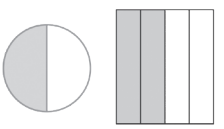
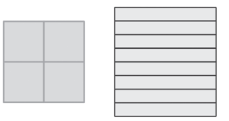
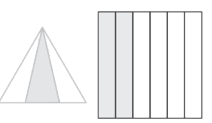
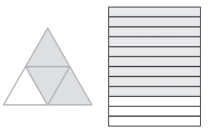
Worksheet 8

A. 1. $\frac{1}{3}, \frac{2}{3}, 1$ 2. $\frac{1}{2}, \frac{3}{4}, \frac{4}{5}$ 3. $\frac{3}{5}, \frac{3}{4}, \frac{3}{3}$
4. $\frac{2}{4}, \frac{3}{5}, \frac{4}{6}$ 5. $\frac{2}{6}, \frac{3}{8}, \frac{5}{8}$ 6. $\frac{2}{10}, \frac{2}{8}, \frac{2}{5}$
7. $\frac{2}{5}, \frac{3}{7}, \frac{1}{2}$ 8. $\frac{2}{9}, \frac{3}{8}, \frac{5}{12}$ 9. $\frac{1}{6}, \frac{2}{7}, \frac{3}{10}$

B. 1. > 2. < 3. > 4. =
5. < 6. > 7. > 8. <

Worksheet 9

A. 1. $\frac{1}{2} = \frac{3}{6}$ 2. $\frac{2}{3} = \frac{4}{6}$ 3. $\frac{3}{4} = \frac{6}{8}$
4. $\frac{1}{4} = \frac{3}{12}$ 5. $\frac{4}{5} = \frac{8}{10}$ 6. $\frac{5}{6} = \frac{10}{12}$

B. 1. 
2. 
3. 
4. 

Worksheet 10

A. 2. $\frac{4}{6}, \frac{8}{12}$ 3. $\frac{4}{8}, \frac{1}{2}$ 4. $\frac{5}{6}, \frac{2}{3}$ 5. $\frac{3}{6}, \frac{2}{4}$

B. 1. c 2. a

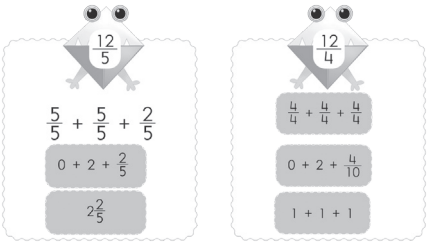
Worksheet 11

A. 1. $\frac{3}{2}$ 2. $\frac{5}{3}$ 3. $\frac{7}{4}$
4. $\frac{10}{4}$ 5. $\frac{9}{4}$ 6. $\frac{5}{6}$

B. 1. $1\frac{3}{4}$ 2. $2\frac{3}{4}$ 3. $\frac{9}{4}$
4. $\frac{8}{3}$ 5. $\frac{3}{2}$ 6. $2\frac{1}{6}$

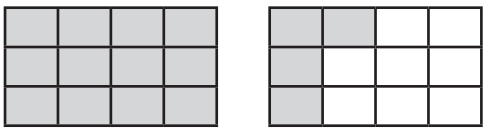
Worksheet 12

A.



B. 1. $3\frac{1}{4}$ 2. 1 3. $3\frac{4}{5}$

C.

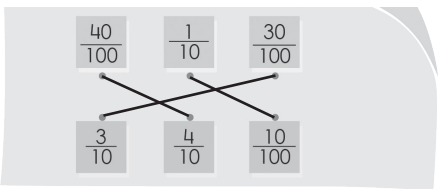


D. 1. $\frac{2}{8}$ 2. $\frac{4}{16}$ 3. $\frac{8}{16}$ 4. $\frac{10}{16}$

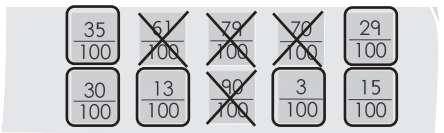
Worksheet 13

A. 1. $\frac{5}{100}, \frac{7}{100}, \frac{8}{10}$

2. $\frac{33}{10}$
3. Harsh
4. True
5.



6.



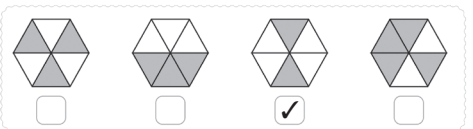
7. $\frac{8}{10}, \frac{18}{10}, \frac{80}{100}$

8. $\frac{1}{10}, \frac{5}{10}, \frac{8}{10}, \frac{4}{10}, \frac{6}{10}, \frac{9}{10}$

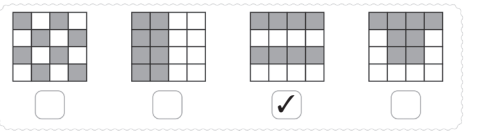
Worksheet 14

A. 1. $\frac{6}{8}$ 2. $\frac{6}{9}$

B. 1.



2.



C. 1. $\frac{90}{100}$ 2. $\frac{170}{100}$ 3. $\frac{240}{100}$ 4. $\frac{780}{100}$

Worksheet 15

A. 1. $\frac{56}{10}, \frac{3}{10}, \frac{29}{100}, \frac{44}{100}, \frac{98}{100}$

B. 0.59

C. 1. 0.56 2. 0.59

D. 1. $\frac{48}{20}$ 2. $\frac{172}{10}$

Worksheet 16

A. 1. 1.1 2. 0.08 3. 0.4
4. 0.36 5. 5.9 6. 0.91

B. 1. c 2. f 3. e
4. b 5. a 6. d

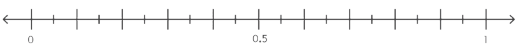
C. 1. $\frac{4}{10} \div 10$ 2. C,d

D. 1. 0.58 2. 0.95 3. 0.72 4. 0.40

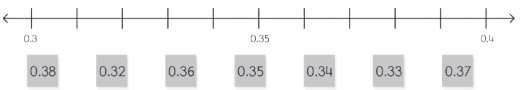
Worksheet 17

A. 1. c. 2. $\frac{5}{10}$ 3. b.

B.

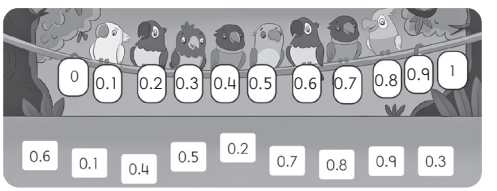


C.

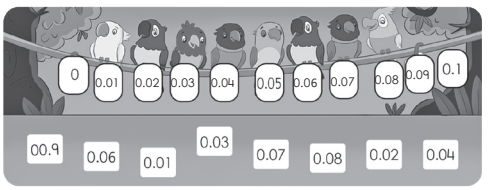


Worksheet 18

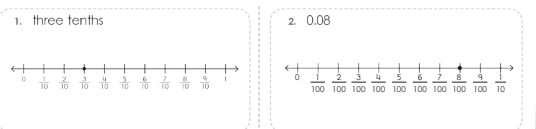
A. 1.



2.

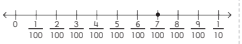


B.



3. 0.9

4. seven hundredths



Worksheet 19

A. 1. $\frac{1}{10}$ 2. $\frac{1}{5}$, 0.48, $\frac{1}{2}$ 3. 0.4

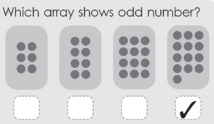
B. Accept all the relevant responses.

C. $\frac{8}{10}$

Worksheet 20

A.

1. Which array shows odd number?



2. Which array shows even number?

3. Find the sequence of odd numbers.
   - 120, 160, 200, 240
   - 39, 59, 79, 99 ✓
   - 56, 46, 36, 26
   - 130, 190, 250, 310

4. Find the sequence of even numbers.
   - 1, 3, 5, 7
   - 13, 39, 65, 91
   - 1, 11, 101, 1001
   - 2, 22, 222, 2222 ✓

5. Find the odd number.
   - 12158
   - 1646 ✓
   - 1542
   - 13213

6. Find the even number.
   - 1654984 ✓
   - 5431
   - 6359
   - 65487

B. 1. odd 2. even 3. even 4. even
5. odd 6. even 7. odd 8. odd

Worksheet 21

A. Odd, Odd, Odd, Even, Even, Even or odd

B.
2. even + even = even
3. odd + odd = even
4. even + odd = odd
5. odd + odd = even
6. even + even = even
7. odd + even = odd
8. odd + even = odd
9. even + even = even
10. even + odd = odd

C. 1. true 2. true 3. false
4. false 5. true 6. true
7. true 8. true 9. false
10. false 11. false 12. false

Worksheet 22

A.

1. Use the odd and even rules. Which answer is odd?
   - 6 × 6
   - 10 × 6 ✓
   - 8 × 9
   - 7 × 9

2. Use the odd and even rules. Which answer is even?
   - 5 × 9 ✓
   - 3 × 19
   - 13 × 6
   - 11 × 9

3. Which multiplication has all odd numbers?
   - 6 × 3 = 18
   - 6 × 9 = 54 ✓
   - 10 × 12 = 120
   - 15 × 9 = 135

4. Which multiplication has all even numbers?
   - 3 × 4 = 12
   - 5 × 7 = 35 ✓
   - 8 × 9 = 72
   - 12 × 10 = 120

5. 7 × 6 = 42.
   - odd × odd = odd
   - even × odd = even
   - even × even = even
   - odd × even = even ✓

6. 69 × 17 = 1173
   - even × odd = even
   - even × even = even
   - odd × odd = odd ✓
   - odd × even = even

B.
2. odd × odd = odd
3. even × even = even
4. even × even = even
5. odd × odd = odd
6. odd × odd = odd

C. 2. even 3. odd 4. odd
5. even 6. odd

Worksheet 23

A.

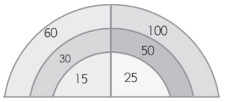
1. One way distance to a park is 19 km. What is the total distance to the park and back?
   - 38 km ✓
   - 12 km
   - 9 km
   - 90 km

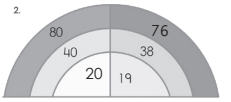
2. The cost of a movie ticket is ₹450. How much will be the cost of 4 tickets?
   - ₹ 1200
   - ₹ 1500
   - ₹ 1800 ✓
   - ₹ 1400

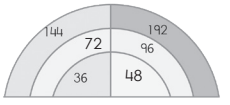
3. The cost of 1 notebook is ₹55. What will be the cost of 8 such notebooks?
   - ₹200
   - ₹440 ✓
   - ₹250
   - ₹550

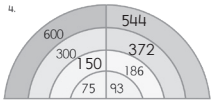
4. Double 65. Then double the result.
   - 66
   - 200
   - 650
   - 260 ✓

B.

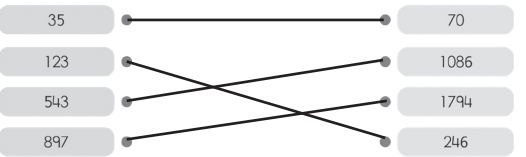
1. 

2. 

3. 

4. 

C.



Worksheet 24

A.

1. 4 × 122
   2 × 2 × 122
   2 × 244
   488

2. 4 × 126
   2 × 2 × 126
   2 × 252
   252

3. 8 × 99
   2 × 2 × 2 × 99
   2 × 2 × 198
   2 × 396
   396

4. 8 × 57
   4 × 2 × 57
   2 × 2 × 2 × 57
   2 × 2 × 114
   2 × 228

5. 8 × 143
   4 × 2 × 143
   2 × 2 × 2 × 143
   2 × 2 × 246
   2 × 492
   984

6. 8 × 141
   4 × 2 × 141
   2 × 2 × 2 × 141
   2 × 2 × 282
   2 × 564
   1128

B. 1. 730 grams 2. 5840 grams
3. 1460 grams 4. 11680 grams
5. 2920 grams 6. 23360 grams

C. 1. 178, 356 2. 1286, 2572
3. 730, 1460 4. 1756, 3512
5. 944, 1888 6. 628, 1256
7. 1994, 3988 8. 662, 1324

Worksheet 25

A. 1. 120, 60 2. 240, 120
3. 480, 240 4. 400, 200
5. 280, 140 6. 420, 210
7. 160, 80 8. 360, 180

B. 1. 720 ÷ 2 ÷ 2 ÷ 2 ☐ 720 ÷ 2 ☐
720 ÷ 2 ÷ 2 ✓ 720 ÷ 4 ÷ 4 ☐

2. 1680 ÷ 2 ÷ 2 ☐ 1680 ÷ 2 ☐
1680 ÷ 2 ÷ 2 ÷ 2 ✓ 1680 ÷ 4 ÷ 4 ☐

C. 1. 44 ÷ 4
44 ÷ 2 ÷ 2
22 ÷ 2
11

2. 172 ÷ 4
172 ÷ 2 ÷ 2
86 ÷ 2
43

3. 272 ÷ 4 ÷ 2
136 ÷ 2 ÷ 2
68 ÷ 2
34

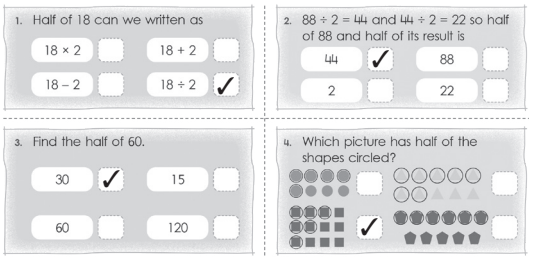
4. 216 ÷ 4
216 ÷ 2 ÷ 2
108 ÷ 2
54

5. 280 ÷ 8
280 ÷ 4 ÷ 2
280 ÷ 2 ÷ 2 ÷ 2
140 ÷ 2 ÷ 2
70 ÷ 2
35

6. 392 ÷ 8
392 ÷ 4 ÷ 2
392 ÷ 2 ÷ 2 ÷ 2
196 ÷ 2 ÷ 2
98 ÷ 2
49

Worksheet 26

A.



B. 1. 60, 30 2. 90, 45
3. 250, 125 4. 150, 75
5. 200, 100 6. 450, 225
7. 300, 150 8. 350, 175

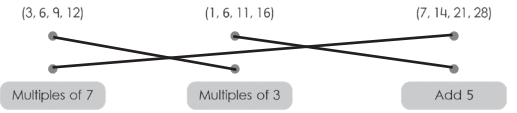
C. 1. 7 2. 49 3. 8 4. 32
5. 90 6. 50 7. 212 8. 84

Worksheet 27

A. 1. Multiply previous term by 10
2. Multiples of 5

B. 1. 4, 8 2. 35, 42

C.



D. 18, 33, 48, 70, 90, 20

Worksheet 28

A. 1. 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96
2. 13, 26, 39, 52, 65, 78, 91, 104, 117, 130, 143, 156
3. 16, 32, 48, 64, 80, 96, 112, 128, 144, 160, 176, 192
4. 22, 44, 66, 88, 110, 132, 154, 176, 198, 220, 242, 264
5. 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650

B. 2. To add fifteen
3. To add hundred

Worksheet 29

A. Accept all the relevant responses.
B. 2
C. 2 steps left

Worksheet 30

A. 1. Multiple of 11 2. Addition of 11
3. Addition of 10

B. Multiples of 2

C. 1. 10, 12, 14, 16, 18, 20, 22, 24, 26
2. 121, 131, 141, 151, 161, 171, 181

Worksheet 31

A. 4 × 4, 2 × 8

B.

C. 1. 42 2. 40 3. 49 4. 45
5. 36 6. 42

Worksheet 32

A.

×	1	2	3	4	5	6
2	2	4	6	8	10	12
3	3	6	9	12	15	18
6	6	12	18	24	30	36
7	7	14	21	28	35	42
10	10	20	30	40	50	60
11	11	22	33	44	55	66

B.

What is the first thing we do before eating any meal?

99	81	18	48		45	81	27	99						
65	24	27	36		18	20	45		1	81	99	48	14	
S = 7 × 2				N = 2 × 9				H = 6 × 6				A = 3 × 8		
W = 5 × 13				H = 9 × 11				U = 2 × 10				D = 8 × 6		
A = 9 × 9				S = 3 × 9				O = 3 × 6				R = 9 × 5		

Worksheet 33

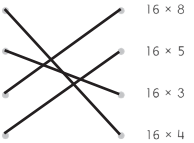
A. 1. c 2. c 3. d
4. c 5. B

B. 1. 440 2. 225, 675 3. 567, 945

C. 1. ₹ 75 2. 80

Worksheet 34

A.
1. If there are 16 dogs, how many legs would there be altogether?
2. How many wheels are there in total if there are 16 tricycles?
3. If there are 16 octopuses, how many arms would there be in total?
4. There are 16 wires. Each wire is 5 m long. What is the total length of all the wires?



B. 1. 225 2. 48 3. 240 4. 450

Worksheet 35

A. 1. a 2. c 3. c
4. c 5. b

B. 1. 7 2. 3 3. 35 4. 5

Worksheet 36

A. 1. 15 2. 8 3. 6 4. 20

B. 1. 12 2. 48 3. 8
4. 6 5. 8

Worksheet 37

A. 1. c 2. d 3. b
4. b 5. d

B. 1. 2800 2. 35 3. 600 4. No

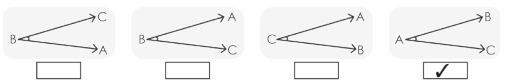
Worksheet 38

A. 1. no 2. yes 3. yes 4. yes

B. 1. ₹ 280 2. ₹ 300 3. ₹ 2700
4. ₹ 20 5. ₹ 310

Worksheet 39

A. 1.



2.

B. 1. a. right angle b. acute angle
c. obtuse angle d. obtuse angle
e. right angle f. acute angle

C. 1, 2, 5

Worksheet 40

A. 1. acute angle 2. obtuse angle
3. obtuse angle 4. obtuse angle
5. obtuse angle 6. acute angle
7. acute angle 8. acute angle
9. obtuse angle

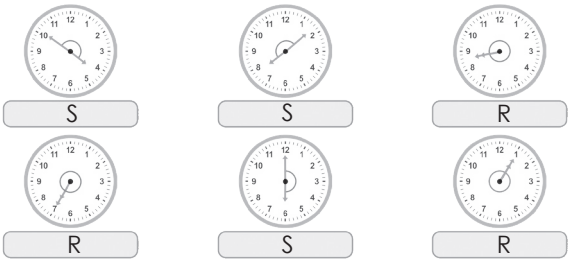
B. ∠4, ∠2, ∠3, ∠1

Worksheet 41

A. Straight angle, revolution, reflex

B. 1. 180° 2. 100°

C.



D. 1. false 2. true 3. true

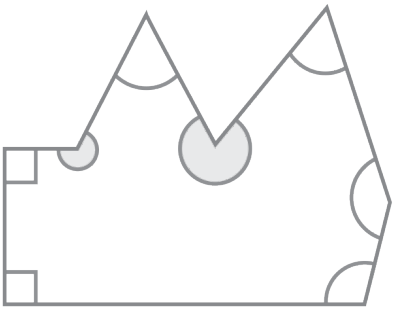
Worksheet 42

A. Accept all the relevant responses.

B. b

C. b, c

D.



E. 0,0,1,1,1

Worksheet 43

A.

30°	200°	20°	190°	40°	220°
A	R	A	R	A	R

B. 2,1,3

C. A - straight angle, B - acute angle, C - obtuse angle

D. Accept all the relevant responses

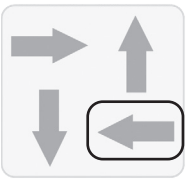
E. Accept all the relevant responses

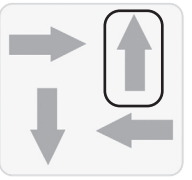
Worksheet 44

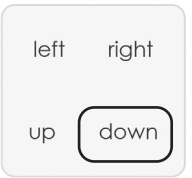
A. 1. right angle 2. reflex angle

B. 1. acute angle 2. straight angle
3. obtuse angle 4. reflex angle
5. right angle 6. acute angle
7. obtuse angle 8. acute angle
9. reflex angle

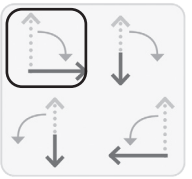
Worksheet 45

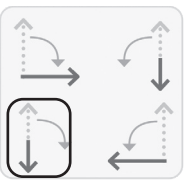
A. 1. 

2. 

3. 

4. 

5. 

6. 

B. 1. South - East 2. North
3. South - West 4. West
5. South 6. North - West
7. East 8. Noth - East

C. 1. Noth 2. East
3. South 4. West
5. North - East 6. South - East
7. South - West

Worksheet 46

A.
 11G
 6E
 2G
 6H
 3D
 9B

B. 1. Move 1 square down and 2 squares right
2. Move 1 square down and 2 squares right.
3. Move 2 square up and 4 squares right
4. Move 2 square up and 4 squares left
5. Move 2 square down and 1 squares left

Worksheet 47

A. 1. c 2. a 3. c 4. b

B. Accept all the relevant responses.

Worksheet 48

A. 1. c 2. a 3. d 4. b

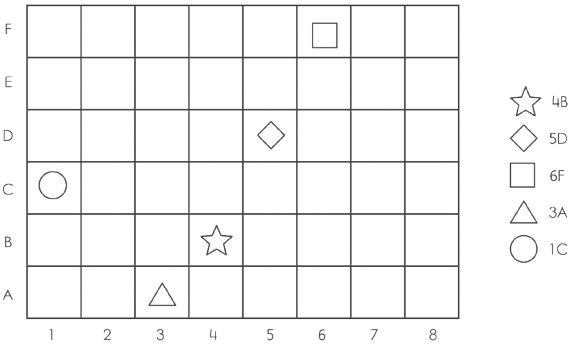
B. 1. east 2. south
3. east 4. south - west

C. 1. 14.4 cm 2. 570 km

Worksheet 49

A. 1. Camel 2. Giraffe
3. South 4. East

B.



Worksheet 50

A. 1. Teddy bear 2. Computer
3. Guitar 4. Computer

B. 1. a. true b. false

2. a. A.S. Road, M.G. Road
b. North - East

3. a. Go towards east on R.J. Road. Take the second left to N.M. Road.
b. Go towards east on R.J. Road. Take the first left to N.M. Road. Take the first right to M.G Road.
c. Go towards west on R.J Road. Take the second right to A.S Road. Take the first left to M.G Road.

Worksheet 51

A. 1. d 2. e 3. a
4. c 5. b

B. 1. 0.34, 0.5, 0.72 2. 0.4, 0.82, 1.9, 3.2
3. 1.7, 2.23, 1.82

C. 1. 457 2. 45 3. 290 4. 112

Worksheet 52

A. 1. c. 2. a. 3. b. 4. b. 5. a.

B. 1. d 2. c 3. e
4. a 5. b

C. 1. < 2. >

D. Accept all the relevant responses.

Worksheet 53

A. 1. 765420, 204567 2. 985431, 134589
3. 854321, 123458

B. 1. $3(\frac{1}{3})$ 2. $1(\frac{1}{2})$ 3. $4(\frac{3}{4})$

C. 1. right angle 2. zero angle

3. straight angle
4. reflex angle
5. straight angle
6. zero angle
7. obtuse angle
8. zero angle
9. acute angle

Worksheet 54

A. 1. 4
2. 5

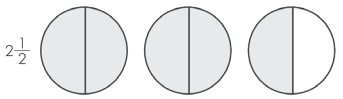
B. 1. a, d
2. b, d

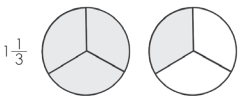
C. 1. 2
2. 6
3. 5
4. 5

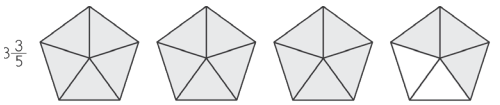
Worksheet 55

A. 1. 1. 70
2. 3,000 + 400 + 60 + 2
3. 6000 + 200 + 10 +5
4. 10,000 + 7,000 + 300 + 80 + 2
5. 3,00,000 + 20,000 + 1000 + 600 + 10 + 2
6. 7,00,000 + 10,000 + 2,000 + 800 + 30 + 4

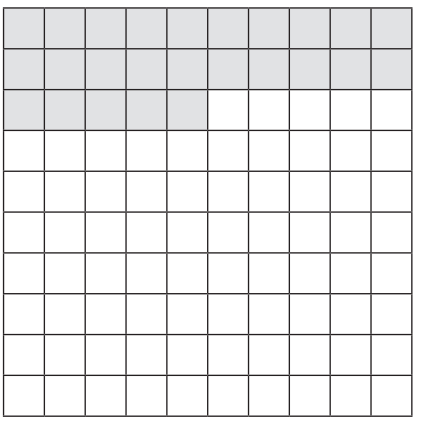
B. 1. (10 × 5) + (2 × 5)
2. (10 × 7) + (8 × 7) = 126
3. (20 × 4) + (5 × 4) = 100
4. (30 × 6) + (0 × 6) = 180
5. (40 × 5) + (5 × 3) = 215

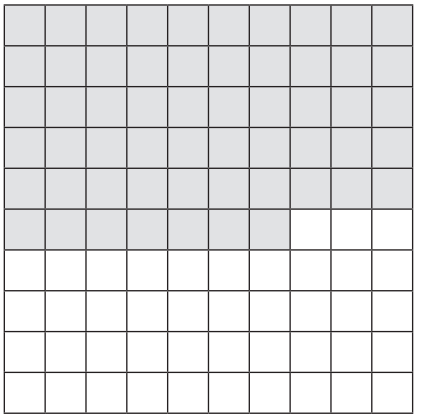
C. 1. 

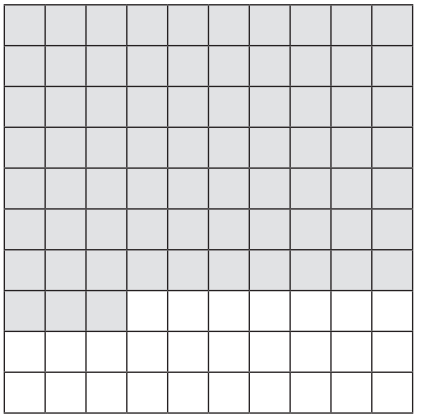
2. 

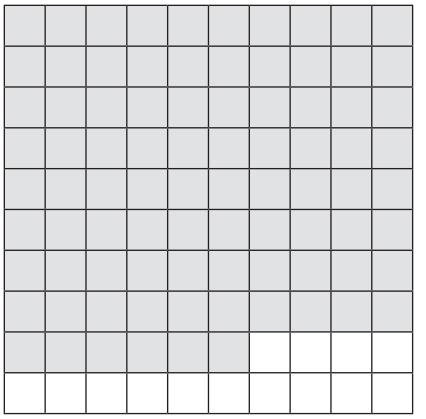
3. 

Worksheet 56

A. 1. 

2. 

3. 

4. 

B.

	Ten thousands	Thousands	Hundreds	Tens	Ones
1.	45	3	3	6	5
2.	2	0	8	4	5
3.	7	0	9	0	5
4.	0	0	6	0	5
5.	3	3	4	6	7