

Answers

Theme 4: Our Plants and Animals

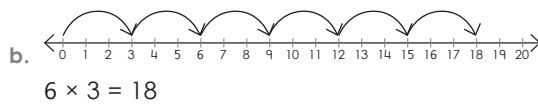
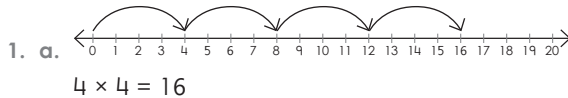
Ch-7: Multiplication

Main Coursebook

I am ready

- a. $5 + 5 + 5 = 15$ $3 \times 5 = 15$
 b. $2 + 2 + 2 = 6$ $3 \times 2 = 6$
 c. $4 + 4 + 4 = 12$ $3 \times 4 = 12$

Icebreaker: 5 flower pots



2.

$1 \times 2 = 2$	$1 \times 3 = 3$
$2 \times 2 = 4$	$2 \times 3 = 6$
$3 \times 2 = 6$	$3 \times 3 = 9$
$4 \times 2 = 8$	$4 \times 3 = 12$
$5 \times 2 = 10$	$5 \times 3 = 15$
$6 \times 2 = 12$	$6 \times 3 = 18$
$7 \times 2 = 14$	$7 \times 3 = 21$
$8 \times 2 = 16$	$8 \times 3 = 24$
$9 \times 2 = 18$	$9 \times 3 = 27$
$10 \times 2 = 20$	$10 \times 3 = 30$

$1 \times 4 = 4$	$1 \times 5 = 5$
$2 \times 4 = 8$	$2 \times 5 = 10$
$3 \times 4 = 12$	$3 \times 5 = 15$
$4 \times 4 = 16$	$4 \times 5 = 20$
$5 \times 4 = 20$	$5 \times 5 = 25$
$6 \times 4 = 24$	$6 \times 5 = 30$
$7 \times 4 = 28$	$7 \times 5 = 35$
$8 \times 4 = 32$	$8 \times 5 = 40$
$9 \times 4 = 36$	$9 \times 5 = 45$
$10 \times 4 = 40$	$10 \times 5 = 50$

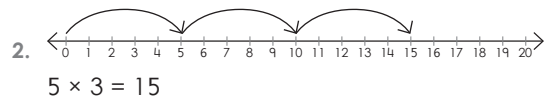
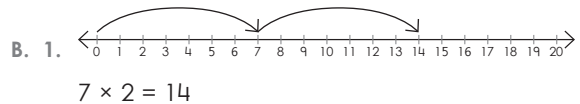
3. $1 \times 6 = 6$ $2 \times 6 = 12$ $3 \times 6 = 18$ $4 \times 6 = 24$ $5 \times 6 = 30$ $6 \times 6 = 36$ $7 \times 6 = 42$ $8 \times 6 = 48$ $9 \times 6 = 54$ $10 \times 6 = 60$
4. $1 \times 7 = 7$ $2 \times 7 = 14$ $3 \times 7 = 21$ $4 \times 7 = 28$ $5 \times 7 = 35$ $6 \times 7 = 42$ $7 \times 7 = 49$ $8 \times 7 = 56$ $9 \times 7 = 63$ $10 \times 7 = 70$
5. $1 \times 8 = 8$ $2 \times 8 = 16$ $3 \times 8 = 24$ $4 \times 8 = 32$ $5 \times 8 = 40$ $6 \times 8 = 48$ $7 \times 8 = 56$ $8 \times 8 = 64$ $9 \times 8 = 72$ $10 \times 8 = 80$

6. $1 \times 9 = 9$ $2 \times 9 = 18$ $3 \times 9 = 27$ $4 \times 9 = 36$ $5 \times 9 = 45$ $6 \times 9 = 54$ $7 \times 9 = 63$ $8 \times 9 = 72$ $9 \times 9 = 81$ $10 \times 9 = 90$
7. $1 \times 10 = 10$ $2 \times 10 = 20$ $3 \times 10 = 30$ $4 \times 10 = 40$ $5 \times 10 = 50$ $6 \times 10 = 60$ $7 \times 10 = 70$ $8 \times 10 = 80$ $9 \times 10 = 90$ $10 \times 10 = 100$

8. a. 56 b. 28 c. 64 d. 36
 e. 30 f. 36 g. 90 h. 49
 i. 40 j. 72
9. a. 18 b. 49 c. 32 d. 48
10. a. 82 b. 78 c. 288
11. a. 862 b. 948 c. 740
12. b. 192 horses c. 124 stamps

I am a learner

- A. 2. $5 \times 2 = 10$ 3. $3 \times 6 = 18$ 4. $4 \times 7 = 28$



- C. 1. 6 2. 12 3. 21 4. 15
 5. 20 6. 24 7. 24 8. 27
 9. 81 10. 36 11. 35 12. 40
 13. 16 14. 25 15. 48 16. 42
 17. 70 18. 72

- D. 1. 24 2. 69 3. 66 4. 82
 5. 48 6. 68 7. 99 8. 99
 9. 96 10. 963 11. 842 12. 888
 13. 448 14. 993 15. 286

- E. 1. 72 2. 84 3. 85 4. 92
 5. 84 6. 90 7. 392 8. 333
 9. 704 10. 651 11. 632 12. 956
 13. 645 14. 756 15. 906

- F. 1. 30 trees 2. 50 apples 3. 126 litres
 4. 196 birds 5. 472 flowers 6. 990 horses
 7. ₹480

I am a thinker

1. 12 2. 12 3. 25
4. 14 5. 12 6. 6

I am an all-rounder

- A. 1. $4 \times 5 = 20$ 2. $6 \times 6 = 36$
B. 1. Kennel → 6 letters 2. Stable → 6 letters
 $6 \times 6 = 36$

Students' Worksheets

Worksheet 1

- A. 1. false 2. true 3. true
4. false 5. true
B. 1. 50 2. 3 3. 6 4. 4 5. 0
C. 1. c 2. b 3. c 4. d 5. b

Worksheet 2

- A. 1. true 2. false 3. true
4. false 5. true
B. 1. 15 2. 5 3. 18 4. 0 5. 0
C. 1. d 2. c 3. b 4. b 5. c

Worksheet 3

- A. 1. 8 2. 12 3. 15 4. 28 5. 40
B. 1. 24 2. 27 3. 30 4. 72 5. 49
C. 1. 39 2. 42 3. 68 4. 86 5. 55

Worksheet 4

- A. 1. 30 2. 10 3. 9 4. 16 5. 16
B. 1. 56 2. 45 3. 45 4. 48 5. 63
C. 1. 399 2. 248 3. 666 4. 848 5. 666

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. c 3. b
B. 1. 15 2. 20 3. 35
4. 45 5. 20 6. 60
7. 80 8. 100
C. 1. 0 2. 11 3. 25
4. 100 5. 0 6. 0
7. 0 8. 1 9. 0

Worksheet 2

- A. 1. 186 toffees 2. 80 erasers
3. 75 students 4. 208 weeks
5. 15 pencils

Theme 5: Our Health and Safety

Ch-8: Shapes and Patterns

Main Coursebook





I am ready:

- a. Cube b. Cylinder c. Cone
d. Cylinder e. Cuboid
f. Cuboid g. Cylinder
h. Cone i. Sphere





Icebreaker

Accept all relevant responses.

1.

Shape	Name	Number
	Rectangle	1
	Square	3
	Circle	1
	Triangle	5

Page 75:





Shape	Corners	Sides	Remember
	4	4	Opposite sides are equal.
	4	4	All 4 sides are equal.
	3	3	Its sides may or may not be equal.
	0	0	It has no sides or corners.

2.



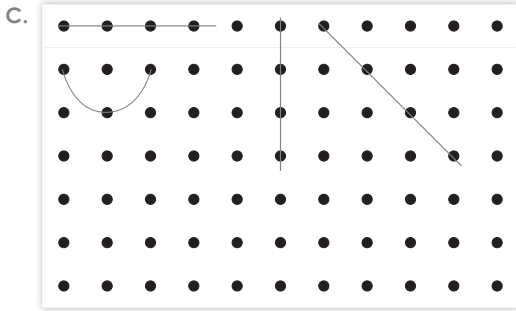
I am a learner

A.

Shape	Corners	Sides
	4	4
	0	0
	4	4
	3	3

B.





D. Try yourself

I am an artist

Shape	Corners	Sides
triangle	3	3
square	4	4

I am a doer

Rectangle and Circle.

The tricolour in our Flag represents three colours – saffron, white and green.

I am an all-rounder

A. English

Every word is ending with **ss** words.

B. EVS

Try yourself

Students' Worksheets

Worksheet 1

A.

	Shape	Sides / Edges
1.	Square	4
2.	Circle	0
3.	Cone	1
4.	Triangle	3
5.	Cube	12

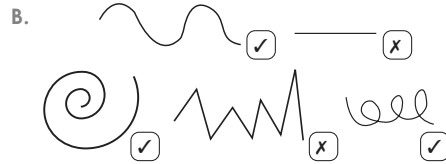
B. Do yourself.

C. Do yourself.

Worksheet 2

A.

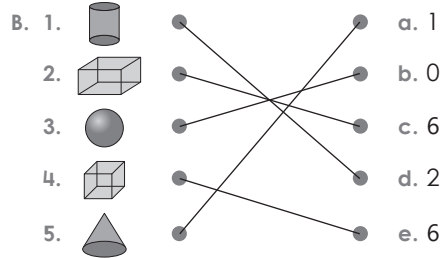
	Shape	Corners
1.	Cube	8
2.	Rectangle	4
3.	Cone	1
4.	Triangle	3
5.	Cylinder	0



C. Do yourself.

Worksheet 3

A. 1. 3 2. 8 3. cylinder 4. 0 5. 4



C. 1. S 2. R 3. S 4. S 5. R
6. R 7. B 8. S 9. B

Teacher's Worksheets

Worksheet 1

A.

Shape	Corner	Side
SQUARE ← SIDE ← CORNER	4	4
RECTANGLE ← SIDE ← CORNER ↑ SIDE	4	4
TRIANGLE ← SIDE ← CORNER ↑ SIDE	3	3
CIRCLE	0	0








B.

1. Standing lines	0
Sleeping lines	2
Slanting lines	4
2. Standing lines	1
Sleeping lines	2
Slanting lines	1

Worksheet 2

A. 1. Sphere 2. Cylinder
3. Cone 4. Cube

B. Cuboid

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

Theme 6: Our Transport

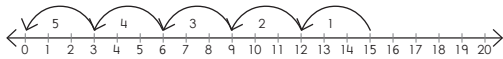
Ch-9: Division

Main Coursebook

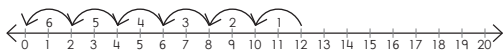
I am ready: 2

Icebreaker: 2 pencils 2 pencils

1. b. 4; 4
 2. b. 4 c. 3
 3. b. 5



c. 6



4. b.
$$\begin{array}{r} 24 \\ - 8 \\ \hline 16 \\ - 8 \\ \hline 8 \\ - 8 \\ \hline 0 \end{array} \quad \begin{array}{r} 27 \\ - 9 \\ \hline 18 \\ - 9 \\ \hline 9 \\ - 9 \\ \hline 0 \end{array}$$

$24 \div 8 = 3$ $27 \div 9 = 3$

5. b. $63 \div 9 = 7$ $63 \div 7 = 9$

	Dividend	Divisor	Quotient	
a.	$6 \div 2 = 3$	<u>6</u>	<u>2</u>	<u>3</u>
b.	$16 \div 4 = 4$	<u>16</u>	<u>4</u>	<u>4</u>
c.	$21 \div 7 = 3$	<u>21</u>	<u>7</u>	<u>3</u>

	What is the quotient?	What is the divisor?	What is the dividend?
7. a.	$30 \div 6 = 5$	$32 \div 8 = 4$	$45 \div 5 = 9$
	$27 \div 3 = 9$	$24 \div 4 = 6$	$42 \div 7 = 6$
	$14 \div 7 = 2$	$56 \div 8 = 7$	$45 \div 9 = 5$
	$18 \div 3 = 6$	$64 \div 8 = 8$	$63 \div 7 = 9$

8. b.
$$\begin{array}{r} 2 \overline{) 18} \\ - 18 \\ \hline 0 \end{array} \quad \begin{array}{r} 5 \overline{) 30} \\ - 30 \\ \hline 0 \end{array}$$

$Q = 9$ $Q = 6$

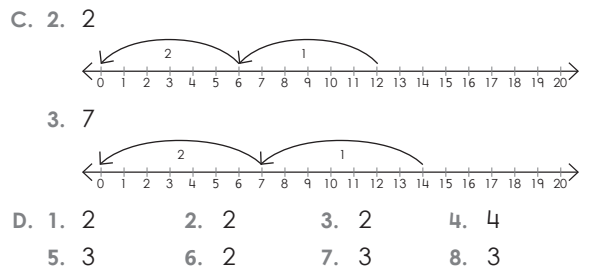
9. b.
$$\begin{array}{r} 6 \\ 4 \overline{) 27} \\ - 24 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ 5 \overline{) 17} \\ - 15 \\ \hline 2 \end{array}$$

$Q = 6$ $R = 3$ $Q = 3$ $R = 2$

10. a. $Q = 13, R = 0$ b. $Q = 11, R = 0$
 c. $Q = 24, R = 1$
 11. a. $Q = 14, R = 0$ b. $Q = 28, R = 1$
 c. $Q = 12, R = 0$
 12. b. 6 almonds c. 9 roses d. 21 rows

I am a learner

- A. 1. 4, 4 2. 4, 4
 B. 1. Number of roses = 36
 Number of plants = 6
 Number of roses on each plant = $36 \div 6 = 6$
 36 divided by 6 is 6.
 2. Number of cherries = 28
 Number of friends = 4
 Number of cherries each friend gets = $28 \div 4 = 7$
 28 divided by 4 is 7.



	Dividend	Divisor	Quotient	
1.	$8 \div 2 = 4$	<u>8</u>	<u>2</u>	<u>4</u>
2.	$18 \div 3 = 6$	<u>18</u>	<u>3</u>	<u>6</u>
3.	$24 \div 6 = 4$	<u>24</u>	<u>6</u>	<u>4</u>

	What is the quotient?	What is the divisor?	What is the dividend?
1.	$32 \div 8 = 4$	$1.35 \div 7 = 5$	$1.30 \div 6 = 5$
2.	$28 \div 7 = 4$	$2.9 \div 3 = 3$	$2.6 \div 2 = 3$
3.	$16 \div 4 = 4$	$3.42 \div 7 = 6$	$3.12 \div 3 = 4$
4.	$72 \div 8 = 9$	$4.36 \div 9 = 4$	$4.40 \div 5 = 8$

G. 2.
$$\begin{array}{r} 5 \\ 4 \overline{) 20} \\ - 20 \\ \hline 0 \end{array} \quad \begin{array}{r} 2 \\ 2 \overline{) 16} \\ - 16 \\ \hline 0 \end{array} \quad \begin{array}{r} 9 \\ 3 \overline{) 27} \\ - 27 \\ \hline 0 \end{array}$$

$Q = 5$ $Q = 8$ $Q = 9$

- H. 1. Q = 5, R = 1 2. Q = 15, R = 0
 3. Q = 12, R = 3 4. Q = 11, R = 2
 5. Q = 11, R = 3 6. Q = 13, R = 0
 7. Q = 11, R = 1 8. Q = 13, R = 1
 9. Q = 24, R = 0 10. Q = 16, R = 2
 11. Q = 12, R = 3 12. Q = 25, R = 0
 I. 1. 6 kiwis 2. 21 towels 3. 8 saplings

I am a thinker

12 weeks and 2 days

I am an all-rounder

A. English

1. elder or younger 2. smaller

B. EVS: 2 pictures

Students' Worksheets

Worksheet 1

- A. 1. 2 2. quotient 3. subtraction
 4. equal 5. ÷
 B. 1. 6 2. 4 3. 7
 4. 6 5. 6
 C. 1. 15 2. 42 3. 36
 4. 72 5. 36

Worksheet 2

- A. 1. d 2. a 3. b
 4. e 5. c
 B. 1. 4 2. 5 3. 5
 4. 7 5. 6
 C. 1. 8 2. 4 3. 7
 4. 9 5. 10

Worksheet 3

- A. 1. 4 2. 3 3. 7
 4. 9 5. 6
 B. 1. 4 2. 4 3. 7
 4. 9 5. 9
 C. 1. 8 2. 5 3. 8
 4. 9 5. 9

Worksheet 4

- A. 1. ÷ 2. remainder 3. 0
 4. divisor 5. dividend
 B. 1. 5 2. 8 3. 6
 4. 3 5. 6
 C. 1. 8 2. 3 3. 5
 4. 3 5. 3

Teacher's Worksheets

Worksheet 1

- A. 1. b 2. a 3. c
 4. c 5. a
 B. 1. 3; 3 2. 4; 4 3. 4; 4

Worksheet 2

1. 3 2. 6 3. 3
 4. 7 5. 4 6. 8
 7. 5 8. 9 9. 10

Theme 6: Our Transport

Ch-10: Fractions

Main Coursebook

I am ready

a.  4 out of 8

b.  5 out of 10



c.  8 out of 16

d.  2 out of 4

Icebreaker: $\frac{3}{4}$

1. b.  c. 

2. b.  c. 



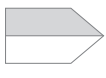

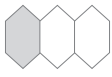
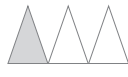


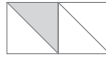



3. b.  c. 

4. b.  c. 

5. a. $\frac{1}{2}$ b. $\frac{3}{4}$

6. b. $3, \frac{1}{3}$ c. $2, \frac{1}{2}$

I am a learner

- A. 1.  2.  3. 
- B. 1.  2.  3. 
- C. 1.  2.  3. 
- D. 1.  2.  3. 
- E. 1. $\frac{1}{3}$ 2. $\frac{1}{4}$ 3. $\frac{3}{4}$
- F. 1. 2, $\frac{3}{6}$ 2. 2, $\frac{2}{4}$ 3. 4, $\frac{1}{4}$

I am a doer

1. Maria 2. Lina

I am an all-rounder

A. English

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

B. EVS: 5 boxes

Students' Worksheets




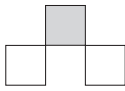


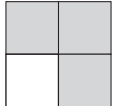

Worksheet 1

- A. 1. three fourth 2. quarter
3. whole 4. equal
5. fractions
- B. 1. half 2. three fourth 3. one third
4. half 5. one fourth
- C. 1. e 2. d 3. a
4. b 5. c











Worksheet 2

- A. 1. b 2. c 3. a
4. c 5. b
- B. a. 1 b. $\frac{3}{4}$ c. $\frac{1}{2}$
d. $\frac{1}{3}$ e. $\frac{1}{4}$
3. a. $\frac{1}{3}$ b. $\frac{1}{2}$ c. $\frac{1}{2}$
d. $\frac{1}{4}$ e. $\frac{3}{4}$

Worksheet 3

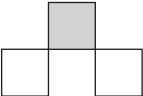

- A.   
- B. 1. half 2. three fourth
3. one third 4. whole
5. one fourth
- C. 1. $\frac{1}{3}$  2. $\frac{1}{4}$  3. $\frac{1}{2}$ 
4. $\frac{3}{4}$  5. $\frac{1}{2}$ 

Worksheet 4

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

Teacher's Worksheets

Worksheet 1



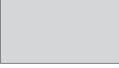


- A. 2 and 3
- B. 1. $\frac{1}{2}$ 2. $\frac{1}{3}$ 3. $\frac{1}{4}$
- C. 1.  2. 

Worksheet 2

- A. 3; $\frac{2}{3}$ 2; $\frac{2}{2}$ 3; $\frac{2}{3}$ 2; $\frac{2}{2}$ 4; $\frac{1}{4}$
- B. Do yourself.

Enrichment Activities

A.

Shape	Number
	7
	7
	10
	14
	4

B. 1. 16 2. 2 3. 8, 16, 2, 8

C. Do yourself.

Revision Worksheet

A. 1. b 2. a 3. c

B. 1. > 2. > 3. > 4. = 5. <
6. < 7. > 8. < 9. > 10. <

C. Do yourself.

D. 1.  =  =  =  = 

2. + × + × + × + ×

3.        

4.        

E. 1. 420 children 2. 60 children