

# Answers

## THEME 4: How We Live

### Ch-6: Multiplication

#### Main Coursebook

##### I am ready

- a. 8      b. 10      c.  $8 \times 10 = 80$

##### Icebreaker

Accept all relevant responses.

1. a. 60      b. 450      c. 220

##### In-text Question

- To the right of the number
- To the right of the number
- Three zeros
- a. 800      b. 3400      c. 6500  
a. 777      b. 963      c. 892  
d. 498      e. 585      f. 684
- a. 488      b. 2088      c. 2080  
d. 6408      e. 7296      f. 8274

##### In-text Question

- 0      2. Yes      3. The 4-digit number
- a. 2142      b. 612      c. 3428  
d. 0      e. 6      f. 8
- a.  $16 \times 38 = 16 \times (30 + 8)$   
 $= 16 \times 30 + 16 \times 8$   
 $= 480 + 128$   
 $= 608$   
b.  $11 \times 24 = 11 \times (20 + 4)$   
 $= 11 \times 20 + 11 \times 4$   
 $= 220 + 44$   
 $= 264$
- b.  $3 \times (60 + 4) = 3 \times 60 + 3 \times 4 = 180 + 12 = 192$   
c.  $7 \times (70 + 8) = 7 \times 70 + 7 \times 8 = 490 + 56 = 546$   
d.  $11 \times (50 + 2) = 11 \times 50 + 11 \times 2 = 550 + 22 = 572$

- a. 403      b. 924      c. 1176  
d. 1908      e. 3432      f. 4224  
g. 4128      h. 7005
- c. 4032 balloons      d. 300 pencils  
e. 1108 people      f. 7545 petals  
g. ₹8400      h. 4608 students

##### Mental Maths

- a. 80      b. 420      c. 1600      d. 600
- b.  $42 \times 4 = (40 + 2) \times 4$   
 $= 40 \times 4 + 2 \times 4$   
 $= 160 + 8$   
 $= 168$   
c. 504      d. 456      e. 594      f. 306
- a. 900      b. 700      c. 800  
d. 500      e. 440      f. 2700

##### I am a learner

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

B.

$37 \times 40$	$28 \times 70$	$7 \times 200$	$14 \times 50$	$12 \times 600$	$5 \times 900$
7200	4500	1960	1400	1480	700

(Note: Lines connect  $37 \times 40$  to 1400,  $28 \times 70$  to 1960,  $7 \times 200$  to 1480,  $14 \times 50$  to 700,  $12 \times 600$  to 7200, and  $5 \times 900$  to 4500.)

- C. 1.  $85 \times 42 = 85 \times (40 + 2)$   
 $= 85 \times 40 + 85 \times 2$   
 $= 3400 + 170 = 3570$
2.  $112 \times 35 = 112 \times (30 + 5)$   
 $= 112 \times 30 + 112 \times 5$   
 $= 3360 + 560 = 3920$

D. 1.

	H	T	O
	4	2	1
x			2
	8	4	2

2.

	TH	H	T	O
		2	4	5
x				6
	1	4	7	0

3.

	TH	H	T	O
		6	9	7
x				9
	6	2	7	3

4.

	TH	H	T	O
	1	3	3	2
x				3
	3	9	9	6

$$\begin{array}{r} \text{TH H T O} \\ 1937 \\ \times \quad \quad \quad 5 \\ \hline 9685 \end{array}$$

$$\begin{array}{r} \text{TH H T O} \\ 2145 \\ \times \quad \quad \quad 4 \\ \hline 8580 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 32 \\ \times \quad 21 \\ \hline 32 \\ + 640 \\ \hline 672 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 57 \\ \times \quad 16 \\ \hline 342 \\ + 570 \\ \hline 912 \end{array}$$

$$\begin{array}{r} \text{TH H T O} \\ \quad \quad 85 \\ \times \quad \quad 26 \\ \hline 510 \\ + 1700 \\ \hline 2210 \end{array}$$

$$\begin{array}{r} \text{TH H T O} \\ \quad 221 \\ \times \quad \quad 24 \\ \hline 884 \\ + 4420 \\ \hline 5304 \end{array}$$

$$\begin{array}{r} \text{TH H T O} \\ \quad 312 \\ \times \quad \quad 15 \\ \hline 1560 \\ + 3120 \\ \hline 4680 \end{array}$$

$$\begin{array}{r} \text{TH H T O} \\ \quad 215 \\ \times \quad \quad 35 \\ \hline 1075 \\ + 6450 \\ \hline 7525 \end{array}$$

- E. 1. 396      2. 2072      3. 5292  
 4. 6622      5. 6560      6. 9834  
 7. 902      8. 2773      9. 4355  
 10. 1568      11. 4768      12. 9660
- F. 1. 1872 straws      2. 8250 shirts  
 3. 336 students      4. ₹3675

**I am an artist**

1. 3675 - a      2. 5535 - b      3. 6154 - c  
 4. 8525 - d      5. 3534 - e      6. 7618 - f  
 7. 7506 - g      8. 7125 - h      9. 4994 - i

**I am a doer:** 864 seeds

**I am an all-rounder**

**A. English**

1. To multiply a number by 100, write two zeros to the right of the number.  
 2. When a number is multiplied by 1, the product remains the same.

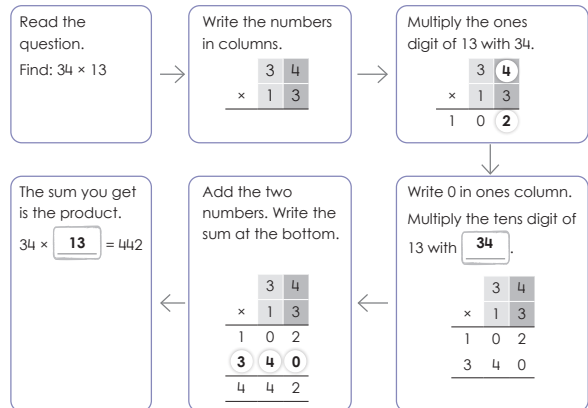
**B. Science**

Accept all the relevant responses.

**C. Social Studies**

600

**I am a project whiz**



**Students' Worksheets**

**Worksheet 1**

- A. 1. c      2. b      3. d  
 4. b  
 B. 1. true      2. false      3. true  
 4. false  
 C. 1. 1500      2. 702      3. 6108  
 4. 429; 6      5. 3; 7

**Worksheet 2**

- A. 1. b      2. b      3. b  
 4. a  
 B. 1. true      2. false      3. true  
 4. false  
 C. 1. 3736      2. 7590      3. 9922  
 4. 20; 9      5. 12; 6

**Worksheet 3**

- A. 1. c      2. a      3. a  
 4. b  
 B. 1. false      2. false      3. false  
 4. true      5. true  
 C. 1. 2520      2. 8040      3. 8008  
 4. 171; 5      5. 13; 41

**Worksheet 4**

- A. 1. d      2. a      3. b      4. c      5. a  
 B. 1. false      2. true      3. true  
 4. false      5. true  
 C. 1. 6300      2. 9510      3. 8822  
 4. 393; 10      5. Answer may vary

## Worksheet 5

- A. 1. 622            2. 642            3. 1260  
 4. 3138            5. 2452
- B. 1. 3993            2. 4248            3. 0  
 4. 9324            5. 8970
- C. 1. 8250 oranges            2. 2070 apples  
 3. 4608 pages            4. 1080 flowers  
 5. 504 passengers

## Teacher's Worksheets

### Worksheet 1

- A. 1. d            2. c            3. d            4. b
- B. 1. 600            2. 0            3. 10  
 4. 6            5. 9200            6. 2376
- C. 1. 1323            2. 6408            3. 6862            4. 7668
- D. 1. 546 tubes            2. 3980 lines

### Worksheet 2

- A. 1. true            2. true            3. true  
 4. true            5. true
- B. 1. 333            2. 3756            3. 535  
 4. 3432            5. 1380            6. 889
- C. 1. 3735            2. 7203            3. 6794            4. 2392
- D. 1. 420 months            2. 9072 pages

## Theme 5: Our Solar System

### Ch-7: Division

## Main Coursebook

### I am ready

16 carrots

### Icebreaker

do yourself

1. a. 6            b. 7            c. 9            d. 8  
 2. a. 9            b. 7            c. 5            d. 6            e. 6  
 3. a. 6            b. 5            c. 4            d. 5  
 4. a.  $72 \div 12 = 6$             b.  $40 \div 5 = 8$ ;  $40 \div 8 = 5$   
    c.  $36 \div 4 = 9$ ;  $36 \div 9 = 4$   
    d.  $84 \div 12 = 7$ ;  $84 \div 7 = 12$
5. b. 6            c. 4            d. 8  
 6. b. 10            c. 8            d. 9

### In-text Question

1. 25            2. 1            c. 0            d. meaningless
7. a. 7            b. 7            c. 8            d. 7

8.  groups             $Q =$    
 leaves left over             $R =$
9. a.  $Q = 8, R = 1$             b.  $Q = 9, R = 3$   
 c.  $Q = 6, R = 2$             d.  $Q = 11, R = 2$   
 e.  $Q = 12, R = 2$             f.  $Q = 23, R = 1$
10. b.  $4 \times 9 + 1 = 36 + 1 = 37$   
 c.  $7 \times 8 + 4 = 56 + 4 = 60$

### In-text Question

1. No            2. No            3. Yes
11. a.  $Q = 12, R = 0$             b.  $Q = 32, R = 1$   
 c.  $Q = 13, R = 0$             d.  $Q = 28, R = 0$   
 e.  $Q = 121, R = 0$             f.  $Q = 122, R = 2$   
 g.  $Q = 69, R = 0$             h.  $Q = 64, R = 5$
12. a.  $Q = 1238, R = 2$             b.  $Q = 953, R = 1$   
 c.  $Q = 1423, R = 3$             d.  $Q = 896, R = 8$

### In-text Question

1.  $Q = 26, R = 8$             2.  $Q = 1, R = 92$   
 1.  $Q = 26, R = 79$
13. c. 12            d. 18            e. ₹81

### Mental Maths

1. a. 48            b. 10            c. 7            d. 9  
 e. 3            f. 1400            g. 56            h. 85  
 i.  $96 \div 6 = 16$              $96 \div 16 = 6$
2. a.  $>$             b.  $<$             c.  $<$             d.  $<$   
 e.  $<$             f.  $<$
3. a. iii.  $15 \times 15 = 225$             b. ii. 4

### I am a learner

- A. 1. b            2. b            3. a            4. a            5. b
- B. 1. Divisor            2.  $112 \div 7 = 16$ ;  $112 \div 16 = 7$   
 3.  $32 \div 8 = 4$ ;  $32 \div 4 = 8$   
 4. 8            5. 10
- C. 1. 4            2. 8            3. 9            4. 8
- D. 1. 9            2. 8
- E. 1.

$$\begin{array}{r} 4 \overline{) 88} \\ \underline{- 8} \phantom{0} \\ 08 \\ \underline{- \phantom{0}8} \\ 0 \end{array}$$

$$\begin{array}{r} 2 \overline{) 242} \\ \underline{- 2} \phantom{0} \\ 04 \\ \underline{- \phantom{0}4} \\ 02 \\ \underline{- \phantom{0}2} \\ 0 \end{array}$$

$Q =$   ,  $R =$

$Q =$   ,  $R =$

$$\begin{array}{r} 3. \quad \begin{array}{r} 1 \quad 1 \\ 7 \overline{) 78} \\ - 7 \quad \downarrow \\ \hline 0 \quad 8 \\ - 7 \\ \hline 1 \end{array} \end{array}$$

Q = 11, R = 1

$$\begin{array}{r} 4. \quad \begin{array}{r} 2 \quad 3 \\ 4 \overline{) 93} \\ - 8 \quad \downarrow \\ \hline 1 \quad 3 \\ - 1 \quad 2 \\ \hline 1 \end{array} \end{array}$$

Q = 23, R = 1

$$\begin{array}{r} 5. \quad \begin{array}{r} 2 \quad 4 \quad 9 \\ 3 \overline{) 749} \\ - 6 \quad \downarrow \\ \hline 1 \quad 4 \\ - 1 \quad 2 \quad \downarrow \\ \hline 2 \quad 9 \\ - 2 \quad 7 \\ \hline 2 \end{array} \end{array}$$

Q = 249, R = 2

$$\begin{array}{r} 6. \quad \begin{array}{r} 9 \quad 4 \\ 8 \overline{) 753} \\ - 7 \quad 2 \quad \downarrow \\ \hline 3 \quad 3 \\ - 3 \quad 2 \\ \hline 1 \end{array} \end{array}$$

Q = 94, R = 1

- F. 1. Q = 11, R = 0      2. Q = 11, R = 3  
 3. Q = 10, R = 3      4. Q = 11, R = 1  
 5. Q = 223, R = 0      6. Q = 210, R = 0  
 7. Q = 111, R = 0      8. Q = 400, R = 0  
 9. Q = 1243, R = 0      10. Q = 1010, R = 0  
 11. Q = 1332, R = 0      12. Q = 1011, R = 0
- G. 1. Q = 27, R = 1      2. Q = 15, R = 4  
 3. Q = 12, R = 0      4. Q = 10, R = 8  
 5. Q = 140, R = 1      6. Q = 69, R = 3  
 7. Q = 98, R = 2      8. Q = 105, R = 3  
 9. Q = 390, R = 0      10. Q = 567, R = 2  
 11. Q = 577, R = 5      12. Q = 760, R = 2
- H. 1. 7      2. 72      3. 34      4. 328

**I am a thinker**

1. 8 dozens  
 2.

= 40

= 30

= 10

**I am an all-rounder**

- A. **English** –  
 Q = 64, R = 4

- B. **Science** – 5000 bottles  
 C. **Social Studies** – 14 breaks

**I am a project whiz**

Arrange the numbers in long division form.

$$\begin{array}{r} 7 \overline{) 267} \end{array}$$

Divide the digits of the hundreds and tens together by 7.

$$\begin{array}{r} 3 \\ 7 \overline{) 267} \\ - 21 \quad \downarrow \\ \hline 5 \end{array}$$

Check the answer.

$38 \times 7 + 1 = 267$

Write the value of quotient and remainder.

Q = 38 and  
 R = 1

Copy down the ones and divide.

$$\begin{array}{r} 3 \quad 8 \\ 7 \overline{) 267} \\ - 21 \quad \downarrow \\ \hline 5 \quad 7 \\ - 5 \quad 6 \\ \hline 1 \end{array}$$

**Students' Worksheets**

**Worksheet 1**

- A. 1. meaningless      2. subtraction  
 3. 0      4. itself      5. number itself
- B. 1.  $8 \div 2 = 4$       2.  $20 \div 4 = 5$   
 3.  $16 \div 8 = 2$       4.  $15 \div 5 = 3$   
 5.  $12 \div 4 = 3$

C.

	Division fact	Dividend	Divisor	Quotient
1.	$6 \div 2 = 3$	<b>6</b>	<b>2</b>	<b>3</b>
2.	$15 \div 3 = 5$	<b>15</b>	<b>3</b>	<b>5</b>
3.	$42 \div 7 = 6$	<b>42</b>	<b>7</b>	<b>6</b>
4.	$54 \div 6 = 9$	<b>54</b>	<b>6</b>	<b>9</b>
5.	$30 \div 5 = 6$	<b>30</b>	<b>5</b>	<b>6</b>

**Worksheet 2**

- A. 1. true      2. false      3. false  
 4. true      5. true
- B. 1. 6      2. 1      3. 0  
 4. 1      5. 0
- C. 1.  $27 \times 2 = 54$       2.  $8 \times 8 = 64$   
 3.  $9 \times 3 = 27$       4.  $11 \times 4 = 44$   
 5.  $13 \times 5 = 65$

**Worksheet 3**

- A. 1. meaningless      2. 15  
 3. 1      4. 0      5. 17
- B. 1. a      2. b      3. c  
 4. b      5. c
- C. 1.  $\rightarrow d$       2.  $\rightarrow a$       3.  $\rightarrow e$   
 4.  $\rightarrow b$       5.  $\rightarrow c$

**Worksheet 4**

- A. 1. 5      2. 4      3. 6  
 4. 6      5. 9

- B. 1. 6 times      2. 5 times      3. 6 times  
4. 8 times      5. 9 times

C.

	Division fact	Dividend	Divisor	Quotient
1.	$125 \div 5 = 25$	<b>125</b>	<b>5</b>	<b>25</b>
2.	$105 \div 3 = 35$	<b>105</b>	<b>3</b>	<b>35</b>
3.	$195 \div 3 = 65$	<b>195</b>	<b>3</b>	<b>65</b>
4.	$270 \div 6 = 45$	<b>270</b>	<b>6</b>	<b>45</b>
5.	$738 \div 9 = 82$	<b>738</b>	<b>9</b>	<b>82</b>

## Teacher's Worksheets

### Worksheet 1

- A. 1. a      2. b      3. c      4. a  
B. 1. a.  $96 \div 12 = 8$       b.  $96 \div 8 = 12$   
2. a.  $300 \div 12 = 25$       b.  $300 \div 25 = 12$   
C. 1. 24      2. 107      3. 251  
4. 97      5. 88      6. 94  
D. 1. 3      2. 6      3. 9      4. 6      5. 5

### Worksheet 2





- A. 1. b      2. b      3. a      4. d  
B. 1. 4      2. 5  
C. 1. 1      2. 65      3. 365, 4  
4. 75, 42      5. 84, 75  
D. 1. 63 hats      2. ₹394      3. 241 students

## Theme 6: Our Country and Culture

### Ch-8: Fractions

## Main Coursebook

### I am ready

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

### Icebreaker



### In-text Question

1. 3      2. 20      3. Eight tenths  
1.      Numerator      Denominator  
a.      6      9  
b.      3      8  
c.      4      5  
d.      5      11  
e.      12      20  
f.      2      27

2. a.  $\frac{4}{6}$       b.  $\frac{5}{7}$       c.  $\frac{1}{5}$

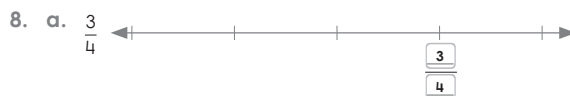
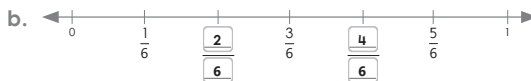
3.  $\frac{5}{12}, \frac{11}{17}, \frac{6}{9}$

4. a.  $\frac{1}{4}$       b.  $\frac{5}{6}$       c.  $\frac{2}{7}$       d.  $\frac{2}{9}$



6. a.  $\frac{2}{3}$       b.  $\frac{5}{7}$       c.  $\frac{3}{6}$

- d.  $\frac{4}{11}$       e.  $\frac{6}{8}$       f.  $\frac{4}{10}$











9. a. >      b. <      c. <      d. >

10. a.  $\frac{1}{9}, \frac{4}{9}, \frac{5}{9}, \frac{6}{9}, \frac{7}{9}$   
b.  $\frac{3}{11}, \frac{4}{11}, \frac{5}{11}, \frac{6}{11}, \frac{7}{11}, \frac{8}{11}$   
c.  $\frac{2}{12}, \frac{3}{12}, \frac{5}{12}, \frac{8}{12}, \frac{10}{12}$   
d.  $\frac{1}{37}, \frac{3}{37}, \frac{15}{37}, \frac{18}{37}, \frac{23}{37}, \frac{31}{37}$

11. a.  $\frac{15}{16}, \frac{10}{16}, \frac{8}{16}, \frac{2}{16}$   
b.  $\frac{19}{25}, \frac{10}{25}, \frac{8}{25}, \frac{5}{25}, \frac{4}{25}$   
c.  $\frac{43}{44}, \frac{28}{44}, \frac{17}{44}, \frac{4}{44}, \frac{3}{44}$   
d.  $\frac{47}{51}, \frac{39}{51}, \frac{26}{51}, \frac{18}{51}, \frac{13}{51}, \frac{8}{51}$

12. a. 2                      b. 4                      c. 3  
 d. 1                        e. 12                     f. 2
13. a.  $\frac{1}{6} = \frac{2}{12}, \frac{3}{18}, \frac{4}{24}, \frac{5}{30}$   
 b.  $\frac{2}{3} = \frac{4}{6}, \frac{6}{9}, \frac{8}{12}, \frac{10}{15}$   
 c.  $\frac{6}{7} = \frac{12}{14}, \frac{18}{21}, \frac{24}{28}, \frac{30}{35}$   
 d.  $\frac{4}{5} = \frac{8}{10}, \frac{12}{15}, \frac{16}{20}, \frac{20}{25}$   
 e.  $\frac{4}{9} = \frac{8}{18}, \frac{12}{27}, \frac{16}{36}, \frac{20}{45}$   
 f.  $\frac{5}{10} = \frac{10}{20}, \frac{15}{30}, \frac{20}{40}, \frac{25}{50}$

**In-text Question**



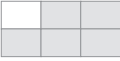

1. yes                      2. yes                      3. 7
14. a. 3                      b. 2                      c. 10                      d. 11  
 e. 6                        f. 12
15. a.    
  
 b.    
  
 c.    
  
 d. 
16. a.  $\frac{2}{3}$                       b.  $\frac{3}{5}$                       c.  $\frac{5}{7}$                       d.  $\frac{7}{9}$                       e.  $\frac{8}{11}$
17. a.    
  
 b.    
  
 c.    
  
 d. 
18. a.  $\frac{2}{4}$                       b.  $\frac{1}{5}$                       c.  $\frac{2}{9}$   
 d.  $\frac{7}{10}$                       e.  $\frac{2}{11}$
19. b.  $\frac{12}{15}$                       c.  $\frac{7}{40}$                       d.  $\frac{13}{20}$

**Mental Maths**





1. a. Numerator = 1, Denominator = 7  
 b. Numerator = 12, Denominator = 19  
 c. Numerator = 43, Denominator = 57  
 d. Numerator = 89, Denominator = 148
2. a.  $\frac{5}{10}$                       b.  $\frac{3}{5}$                       c.  $\frac{6}{15}$                       d.  $\frac{8}{11}$

3. a. <                      b. >                      c. =                      d. <
4.  $\frac{13}{20}$

**I am a learner**

- A. 1. a                      2. b                      3. c                      4. d                      5. c
- B. 1.  $\rightarrow$  c                      2.  $\rightarrow$  d  
 3.  $\rightarrow$  a                      4.  $\rightarrow$  b
- C. 1.  $\frac{3}{5}$                       2.  $\frac{6}{9}, \frac{8}{9}$                       3.  $\frac{3}{8}, \frac{6}{8}$
- D. 1.   
 2.   
 3.   
 4. 
- E. a. Numerator = 2, Denominator = 7  
 b. Numerator = 3, Denominator = 8  
 c. Numerator = 4, Denominator = 6  
 d. Numerator = 9, Denominator = 12
- F. 1. <                      2. >                      3. <                      4. <
- G. 1.  $\frac{9}{14}, \frac{10}{14}, \frac{11}{14}, \frac{12}{14}$                       2.  $\frac{41}{49}, \frac{42}{49}, \frac{43}{49}, \frac{45}{49}$
- H. 1.  $\frac{7}{8}, \frac{5}{8}, \frac{3}{8}, \frac{1}{8}$                       2.  $\frac{41}{47}, \frac{33}{47}, \frac{23}{47}, \frac{19}{47}$
- I. 1.  $\frac{4}{10}, \frac{6}{15}, \frac{8}{20}, \frac{10}{25}$                       2.  $\frac{2}{8}, \frac{3}{12}, \frac{4}{16}, \frac{5}{20}$   
 3.  $\frac{12}{20}, \frac{18}{30}, \frac{24}{40}, \frac{30}{50}$                       4.  $\frac{14}{22}, \frac{21}{33}, \frac{28}{44}, \frac{35}{55}$

**J.**

				
Nadia	$\frac{1}{5}$ of 50 = 10	$\frac{1}{3}$ of 27 = 9	$\frac{1}{2}$ of 26 = 13	$\frac{1}{5}$ of 25 = 5
Zara	$\frac{1}{2}$ of 24 = 12	$\frac{1}{2}$ of 42 = 21	$\frac{1}{3}$ of 33 = 11	$\frac{1}{4}$ of 16 = 4
Jenny	$\frac{1}{4}$ of 48 = 12	$\frac{1}{2}$ of 36 = 18	$\frac{1}{4}$ of 52 = 13	$\frac{1}{2}$ of 18 = 9

- K. 1.  $\frac{3}{7}$                       2.  $\frac{5}{9}$                       3.  $\frac{2}{5}$                       4.  $\frac{5}{6}$
- L. 1.  $\frac{4}{5}$                       2.  $\frac{5}{8}$                       3.  $\frac{3}{3}$                       4.  $\frac{16}{27}$   
 5.  $\frac{13}{17}$                       6.  $\frac{8}{9}$
- M. 1.  $\frac{3}{7}$                       2.  $\frac{1}{17}$                       3.  $\frac{4}{15}$                       4.  $\frac{4}{13}$   
 5.  $\frac{11}{20}$                       6.  $\frac{1}{11}$
- N. 1.  $\frac{20}{24}$                       2. 8 flowers

**I am an artist**

Do yourself

**I am a doer**

1 m

**I am an all-rounder**

**A. English -**

one fourth -  $\frac{2}{6}$       one fifth -  $\frac{2}{5}$

one eleventh -  $\frac{2}{8}$       issue -  $\frac{0}{5}$

rescue -  $\frac{0}{6}$

**B. Science -**

ointment -  $\frac{3}{8}$

drainage -  $\frac{4}{8}$

bandage -  $\frac{3}{7}$

**C. Social Studies -  $\frac{8}{36}$**

**Students' Worksheets**

**Worksheet 1**

- A. 1. N - 4, D - 5      2. N - 8, D - 11  
 3. N - 7, D - 12      4. N - 3, D - 4  
 5. N - 1, D - 14      6. N - 12, D - 17

B. 1.  $\frac{4}{10}$       2.  $\frac{2}{3}$       3.  $\frac{1}{3}$

4.  $\frac{1}{4}$       5.  $\frac{3}{8}$




C. 1.  $\frac{2}{3}$       2.  $\frac{9}{15}$       3.  $\frac{7}{9}$



4.  $\frac{2}{5}$       5.  $\frac{4}{7}$

**Worksheet 2**

A. 1.  $\frac{1}{5}$       2.  $\frac{2}{7}$       3.  $\frac{3}{8}$

4.  $\frac{4}{9}$       5.  $\frac{5}{8}$

B. 1.       2.       3. 

4.       5. 

C.  $\frac{12}{17}, \frac{8}{11}, \frac{4}{25}, \frac{3}{17}, \frac{9}{21}$

**Worksheet 3**

- A. 1. One third      2. Three fifths  
 3. Two sixths      4. One tenth  
 5. Seven ninths

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

C. 1. >      2. <      3. >      4. <      5. >

**Worksheet 4**

- A. 1. Numerator - 2, Denominator - 3  
 2. Numerator - 5, Denominator - 6  
 3. Numerator - 6, Denominator - 9  
 4. Numerator - 7, Denominator - 12  
 5. Numerator - 6, Denominator - 7


B. 1.  $\frac{13}{16}$       2.  $\frac{12}{11}$       3.  $\frac{20}{23}$       4.  $\frac{11}{13}$       5.  $\frac{11}{15}$


C. 1.  $\frac{2}{12}$       2.  $\frac{1}{17}$       3.  $\frac{9}{21}$       4.  $\frac{4}{15}$       5.  $\frac{3}{23}$


**Worksheet 5**


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


B.

1.  $\frac{2}{5}$   a. one third

2.  $\frac{1}{3}$   b. two fifths

3.  $\frac{3}{4}$   c. one half

4.  $\frac{1}{2}$   d. one fourth

5.  $\frac{1}{4}$   e. three fourths

C. 1.  $\frac{1}{11}, \frac{4}{11}, \frac{5}{11}, \frac{6}{11}, \frac{9}{11}$       2.  $\frac{1}{9}, \frac{2}{9}, \frac{5}{9}, \frac{6}{9}, \frac{7}{9}$

3.  $\frac{7}{17}, \frac{9}{17}, \frac{11}{17}, \frac{12}{17}, \frac{15}{17}$       4.  $\frac{1}{6}, \frac{2}{6}, \frac{4}{6}, \frac{5}{6}, \frac{6}{6}$

5.  $\frac{3}{23}, \frac{7}{23}, \frac{10}{23}, \frac{12}{23}, \frac{22}{23}$

**Teacher's Worksheets**

**Worksheet 1**

- A. 1. a      2. c
- B. 1.  $\frac{4}{8}$       2.  $\frac{4}{8}$       3.  $\frac{2}{6}$       4.  $\frac{3}{4}$       5.  $\frac{2}{6}$

- C. 1.  $\frac{2}{4}$       2.  $\frac{3}{5}$       3.  $\frac{5}{7}$       4.  $\frac{6}{11}$
- D. 1.  $\frac{3}{8} < \frac{4}{8} < \frac{6}{8} < \frac{7}{8}$
2.  $\frac{1}{10} < \frac{5}{10} < \frac{6}{10} < \frac{8}{10}$
3.  $\frac{1}{15} < \frac{3}{15} < \frac{4}{15} < \frac{8}{15}$

### Worksheet 2

- A. 1. 10 people      2. 10 apples  
3. 36 pencils      4. 20 butterflies  
5. 25 carrots      6. 24 balloons
- B. 1.  $\frac{1}{5}$       2.  $\frac{2}{7}$       3.  $\frac{1}{9}$       4.  $\frac{3}{11}$
- C. 1.  $>$       2.  $<$       3.  $=$   
4.  $<$       5.  $<$       6.  $>$
- D. 1.  $\frac{5}{7} > \frac{3}{7} > \frac{2}{7} > \frac{1}{7}$
2.  $\frac{7}{9} > \frac{5}{9} > \frac{3}{9} > \frac{2}{9}$
3.  $\frac{12}{13} > \frac{11}{13} > \frac{10}{13} > \frac{9}{13}$
- E. 1. 12 balloons      2. 6 books

### Enrichment Activities

- A. 1. 1496      2. 1125      3. 17,885  
4. 5496      5. 600      6. 1980  
7. 4872      8. 0
- OUR SOLAR SYSTEM
- B. Do yourself.

### Revision Worksheets

- A. 1. 0      2.  $12 \times 50 = 600$       3. 1      4. 3312
- B. 1. Q = 716, R = 3      2. Q = 716, R = 1  
3. Q = 2158, R = 2      4. Q = 647, R = 4
- C. 1. 10285 marbles      2. 69 cars
- D. 1.  $\frac{1}{2}$       2.  $\frac{1}{2}$       3.  $\frac{3}{8}$   
4.  $\frac{1}{2}$       5.  $\frac{3}{4}$       6.  $\frac{1}{4}$

x	12	13	15	16	19
2	24	26	30	32	38
4	48	52	60	64	76
6	72	78	90	96	114
8	96	104	120	128	152
9	108	117	135	144	171

- F.             |
- 
- 
- 

- G. 1.  $\frac{2}{7}$      $\frac{8}{7}$      $\frac{11}{7}$      $\frac{15}{7}$
2.  $\frac{3}{11}$      $\frac{9}{11}$      $\frac{12}{11}$      $\frac{17}{11}$