

# Answers

## Theme 4: What Is Living Together?

### Lesson-6: Multiplication

#### Main Coursebook

##### Kinaesthetic

Accept all the relevant responses.

##### Auditory

60

##### Pictorial

- 14
- 28

##### Interacting better

Accept all the relevant responses.

- a. 60      b. 450      c. 220

##### Understanding better (page no - 68)

- Right-hand side
- Two
- a. 800      b. 3400      c. 6500  
a. 777      b. 684      c. 585  
d. 892      e. 498      f. 963
- a. 4488      b. 2007      c. 1608  
d. 1730      e. 1296      f. 1374

##### Understanding better (page no - 70)

- 4- digit number itself
- yes
- a.  $2142 \times 1 = 2142$   
b.  $4 \times 612 = 612 \times 4$   
c.  $3428 \times 1251 = 1251 \times 3428$   
d.  $(5 \times 4) \times 12 = 5 \times (4 \times 12)$   
e.  $(6 \times 4) \times 7 = (7 \times 4) \times 6$   
f.  $5429 \times 8 = 8 \times 5429$
- a. (8), (20)+(4), (38) (38), (11) (20), (480) (128).
- a.  $5 \times 18 = 5 \times (10 + 8) = (5 \times 10) + (5 \times 8)$   
 $= 50 + 40 = 90$   
b.  $3 \times 64 = 3 \times (60 + 4) = (3 \times 60) + (3 \times 4)$   
 $= 180 + 12 = 192$   
c.  $7 \times 78 = 7 \times (70 + 8) = (7 \times 70) + (7 \times 8)$   
 $= 490 + 56 = 546$   
d.  $11 \times 52 = 11 \times (50 + 2) = (11 \times 50) + (11 \times 2) =$   
 $550 + 22 = 572$
- a. 403      b. 924      c. 1176  
d. 1908      e. 3432      f. 4224  
g. 4128      h. 7005
- a. 4032 balloons      b. 300 pencils  
c. 1108 people      d. 7545 petals  
e. 8400      f. 4608 students

##### Solving better

- a. 80      b. 420  
c. 1600      d. 600
- a.  $232 \times 3 = (200 + 30 + 2) \times 3 = (200 \times 3) + (30 \times$

$$3) + (2 \times 3) = 600 + 90 + 6 = 696$$

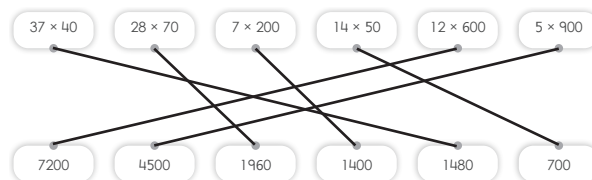
- $42 \times 4 = (40 + 2) \times 4 = (40 \times 4) + (2 \times 4)$   
 $= 160 + 8 = 168$
- $72 \times 7 = (70 + 2) \times 7 = (70 \times 7) + (2 \times 7)$   
 $= 490 + 14 = 504$
- $57 \times 8 = (50 + 7) \times 8 = (50 \times 8) + (7 \times 8)$   
 $= 400 + 56 = 456$
- $99 \times 6 = (90 + 9) \times 6 = (90 \times 6) + (9 \times 6)$   
 $= 540 + 54 = 594$
- $34 \times 9 = (30 + 4) \times 9 = (30 \times 9) + (4 \times 9)$   
 $= 270 + 36 = 306$

- a. 900      b. 700      c. 800  
d. 500      e. 440      f. 2700

##### Learning better

- a.      b.      c.      a.      b.      a.

B.



- $42 \times 85 = 42 \times (80 + 5) = 42 \times 80 + 42 \times 5$   
 $= 3360 + 210 = 3570.$
- $35 \times 112 = 35 \times (100 + 10 + 2) = 35 \times 100 + 35 \times$   
 $10 + 35 \times 2 = 3500 + 350 + 70 = 3920.$
1. 842      2. 1470      3. 6273  
4. 3996      5. 9685      6. 8580  
7. 672      8. 912      9. 2210  
10. 5304      11. 4680      12. 7525
1. 396      2. 2072      3. 5292  
4. 6622      5. 6560      6. 9834  
7. 902      8. 2773      9. 4355  
10. 1568      11. 4768      12. 9660
1. 1872 students  
2. 8250 shirts  
3. 336 students  
4. ₹14553

##### Thinking better

##### Think and answer.

Anita had 33 paint sets originally.

##### Choosing better

- Move the plant to a sunny spot.



#### Worksheets

##### Worksheet 1

- a.      b.      d.      b.      a.
1. false      2. false      3. true      4. true
1. 1500      2. 702      3. 6108  
4. 429, 6      5. 3, 7

## Worksheet 2

- A. 1. c.      2. a.      3. a.      4. b.      5. b.  
B. 1. false    2. false    3. false    4. true    5. true  
C. 1. 2512      2. 8040      3. 8008  
4. 171, 5      5. 13, 41

## Worksheet 3

- A. 1. 622      2. 648      3. 1260  
4. 3138      5. 2452  
B. 1. 3993      2. 4248      3. 0  
4. 9324      5. 8970  
C. 1. 8250      2. 2070      3. 4608  
4. 1080      5. 3024

## Book of Holistic Teaching

### Developing better

- A. 1. a, the      2. a, the  
B. **Tomato** has fibrous roots, as they spread out in many directions near the soil surface  
C. Ravi is traveling in **Rajasthan**, in the **west** of India, where dal bati churma is a popular dish.

## Book of Project Ideas

### Making better

Accept all relevant responses.