

Answers

Theme 1: What Is a Solar System?

Lesson-7: Division

Main Coursebook

Kingesthetic

Accept all the relevant responses.

Auditory

1. 9
2. 6

Pictorial

- 2 groups of 6 each.
- 2 groups of 9 each.

Interacting better

$$60 \div 5 = 12$$

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. b. $\frac{40}{5} = 8, \frac{40}{8} = 5$ c. $\frac{36}{9} = 4, \frac{36}{4} = 9$

d. $\frac{84}{12} = 7, \frac{84}{7} = 12$

- 5.**
- | | |
|------|------|
| a. 6 | b. 6 |
| c. 4 | d. 8 |
- 6.**
- | | |
|------|------|
| a. 9 | b. 6 |
| c. 5 | d. 3 |

Understanding better (page no - 83)

1. 25 2. 1 3. 0

8. Groups = 2
Apples left over = 2
 $Q = 2$
 $R = 2$

9. a. $17 \div 2$
Q = 8, R = 1

- b. $66 \div 7$
Q = 9, R = 3

- c. $26 \div 4$
Q = 6, R = 2

- d. $68 \div 6$
Q = 11, R = 2

- e. $38 \div 3$
Q = 12, R = 2

- f. $47 \div 2$
Q = 23, R = 1

10. b. $4 \times 9 + 1 = 36 + 1 = 37$
c. $7 \times 8 + 4 = 56 + 4 = 60$

Understanding better (page no - 85)

1. No 2. No 3. Yes

11.
 - a. $36 \div 3 = 12$
 - b. $65 \div 2 = 32$ quotient 32, remainder 1
 - c. $70 \div 5 = 14$
 - d. $84 \div 3 = 28$
 - e. $242 \div 2 = 121$
 - f. $368 \div 3 = 122$ quotient 122, remainder 2
 - g. $483 \div 7 = 69$
 - h. $581 \div 9 = 64$ quotient 64, remainder 5
12.
 - a. Q = 1238, R = 2
 - b. Q = 953, R = 1
 - c. Q = 1423, R = 3
 - d. Q = 897, R = 9

Understanding better (page no - 87)

1. 26 2. 1 3. 79

13. a. 12 pages
b. 18 seeds per row
c. 81 per child

Solving better

- $48 \div 48 = 1$
- $70 \div 10 = 7$
- $77 \div 11 = 7$
- $18 \div 9 = 2$
- If $36 \div 3 = 12$, then $36 \div 12 = 3$
- $1400 \div 100 = 14$
- $56 \div 1 = 56$
- $85 \div 17 = 5$
- Division facts for $16 \times 6 = 96$ are, $96 \div 6 = 16$ and $96 \div 16 = 6$

2. a. = b. <
 c. < d. <
 e. < f. <

3. a. iii. $15 \times 15 = 225$
b. ii. 4

Learning better

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

- B. Quotient \times Divisor + Remainder = Dividend**
The division fact for $16 \times 7 = 112$ is $112 \div 7 = 16$
or $112 \div 16 = 7$.

- The division fact for $8 \times 4 = 32$ is $32 \div 4 = 8$ or $32 \div 8 = 4$.

- In the division fact $64 \div 8 = 8$, the quotient is 8.
In the division fact $120 \div 10 = 12$, the divisor is 10.

- C. 1. 4 2. 8
 3. 9 4. 8
- D. 1. 9 2. 8

E. 1. $88 \div 4$

$Q = 22, R = 0$

2. $242 \div 2$

$Q = 121, R = 0$

3. $78 \div 7$

$Q = 11, R = 1$

4. $93 \div 4$

$Q = 23, R = 1$

5. $749 \div 3$

$Q = 249, R = 2$

6. $753 \div 8$

$Q = 94, R = 1$

F. 1. $55 \div 5 = 11$

2. $69 \div 6 = 11$ remainder 3

3. $43 \div 4 = 10$ remainder 3

4. $78 \div 7 = 11$ remainder 1

5. $669 \div 3 = 223$

6. $840 \div 4 = 210$

7. $777 \div 7 = 111$

8. $800 \div 2 = 400$

9. $2486 \div 2 = 1243$

10. $4040 \div 4 = 1010$

11. $3996 \div 3 = 1332$

12. $5055 \div 5 = 1011$

G. 1. $82 \div 3 = 27$ remainder 1

2. $79 \div 5 = 15$ remainder 4

3. $84 \div 7 = 12$

4. $98 \div 9 = 10$ remainder 8

5. $281 \div 2 = 140$ remainder 1

6. $417 \div 6 = 69$ remainder 3

7. $492 \div 5 = 98$ remainder 2

8. $843 \div 8 = 105$ remainder 3

9. $1170 \div 3 = 390$

10. $3971 \div 7 = 567$ remainder 2

11. $3467 \div 6 = 578$ remainder 5

12. $6842 \div 9 = 760$ remainder 2

H. 1. 5 mangoes

2. 72 necklaces

3. 34 stickers

4. 328 packets

Thinking better

1. Think and write the answer in your notebook.

Aditya should buy 8 dozens of bananas.

Thinking better

1. 8 dozen

2.  = 40  = 30  = 10

2. Apple = 40, Strawberry = 30 and Grapes = 10

Choosing better

- I can contribute to the environment by planting trees and taking care of them.



Worksheets

Worksheet 1

A. 1. number itself

2. addition

3. 0

4. number itself

5. number itself

B. 1. $\frac{8}{2}$

2. $\frac{20}{4}$

3. $\frac{16}{8}$

4. $\frac{15}{5}$

5. $\frac{12}{4}$

Worksheet 2

A. 1. false

2. false

3. false

4. true

5. true

B. 1. 6

2. 1

3. 0

4. 1

5. 0

C. 1. 2, 27

2. 8, 8

3. 3, 9

4. 4, 11

5. 5, 13

Worksheet 3

A. 1. Undefined

2. 15

3. 1

4. 0

5. 17

B. 1. a.

2. b.

3. c.

4. b.

5. c.

C. 1. d

2. a.

3. e.

4. b.

5. c.

Book of Holistic Teaching

Developing better

A. Will discuss with designer

B. You all do the pose **16 times** in total. Ayurveda promotes health through **balance** and natural remedies.

C. The famous explorer referred to in these lines is **Christopher Columbus**. If the journey was divided into 10 equal parts, each part took **7 days** ($70 \text{ days} \div 10 \text{ parts}$).

Book of Project Ideas

Making better

Accept all relevant responses.