

Answers

Theme 3: How Do We Adapt?

Lesson-5: Division

Main Coursebook

Kingesthetic

4 circle are in each group

Each friend got 4 circles.

Auditory

1. 4 2. 6

Pictorial

3

$$12 \div 3 = 4$$

Interacting better

Accept all relevant response

Understanding better (page 50)

1. true
 - a. $Q = 608$; $R = 0$
 - c. $Q = 645$; $R = 5$
 - e. $Q = 867$; $R = 5$
 - g. $Q = 2941$; $R = 2$
2. a. $Q = 153$; $R = 7$
 - c. $Q = 81$; $R = 46$
 - e. $Q = 253$; $R = 19$
3. a. $Q = 207$; $R = 6$
 - c. $Q = 276$; $R = 15$
 - e. $Q = 272$; $R = 1$
 - g. $Q = 105$; $R = 16$
4. a. 300; 20; 15; 17
 - c. 600; 60; 10; 9
2. false
 - b. $Q = 489$; $R = 4$
 - d. $Q = 727$; $R = 4$
 - f. $Q = 1,268$; $R = 4$
 - h. $Q = 2299$; $R = 2$
- b. $Q = 63$; $R = 18$
 - d. $Q = 175$; $R = 1$
 - f. $Q = 176$; $R = 36$
- b. $Q = 47$; $R = 21$
 - d. $Q = 110$; $R = 24$
 - f. $Q = 195$; $R = 30$
- b. $Q = 116$; $R = 41$
 - d. 900; 20; 45; 43
- d. 400; 80; 5; 5

Understanding better (page 54)

1. 82 2. 7 3. no
5. a. 240; 24; 2 b. 759; 75; 7 c. 556; 55; 5
 d. 885; 88; 8 e. 940; 94; 9
6. a. 126 b. 524; 18
 c. 214 d. 240

Solving better

1. a. 1 b. 0 c. 1 d. 2,566
e. 50 f. 700

- 2.

Division fact	Rounded off dividend and divisor	Division fact	Estimated quotient
a. $785 \div 12$	$400 \div 40$	$80 \div 1$	10
b. $918 \div 26$	$400 \div 50$	$80 \div 8$	8
c. $406 \div 37$	$800 \div 10$	$90 \div 3$	80
d. $381 \div 49$	$800 \div 80$	$40 \div 4$	30
e. $827 \div 84$	$900 \div 30$	$40 \div 5$	10

Learning better

- | | | | | | |
|----|---------------------------|------|------------------------|------|------|
| A. | 1. d | 2. c | 3. a | 4. d | 5. a |
| B. | 1. 5; 50; 500 | | 2. 11; 110; 1100 | | |
| | 3. 39; 390; 3900 | | | | |
| C. | 1. Q = 188; R = 0 | | 2. Q = 344; R = 0 | | |
| | 3. Q = 423; R = 0 | | 4. Q = 156; R = 9 | | |
| | 5. Q = 297; R = 8 | | 6. Q = 1154; R = 0 | | |
| | 7. Q = 111; R = 41 | | 8. Q = 168; R = 33 | | |
| D. | 1. Q = 191; R = 1 | | 2. Q = 884; R = 0 | | |
| | 3. Q = 560; R = 3 | | 4. Q = 578; R = 0 | | |
| | 5. Q = 225; R = 0 | | 6. Q = 224; R = 0 | | |
| | 7. Q = 118; R = 0 | | 8. Q = 27; R = 22 | | |
| E. | 1. $60 \div 20$; 3; 2 | | 2. $90 \div 90$; 1; 1 | | |
| | 3. $360 \div 10$; 36; 29 | | 4. $950 \div 40$; 30 | | |

- F. 1.

$$\begin{array}{r} 286 \\ 3 \overline{) 858} \\ \underline{- 6} \downarrow \\ 25 \downarrow \\ \underline{- 24} \downarrow \\ 18 \\ \underline{- 18} \\ 0 \end{array}$$

- 2.

$$\begin{array}{r}
 1364 \\
 \underline{7} 9549 \\
 - 7 \\
 \hline
 25 \\
 - 21 \\
 \hline
 44 \\
 - 42 \\
 \hline
 29 \\
 - 28 \\
 \hline
 1
 \end{array}$$

- G.** 1. ₹ 24 2. 48 books 3. ₹ 1,043
4. 60 Crates 5. 60 pencils

Thinking better

36 hours

Choosing better

Accept all relevant responses.

Students' Worksheets

Worksheet 1

- A. 1. 1 2. 0 3. divide
4. dividend 5. remainder

- B. 1. true 2. true 3. true 4. false 5. false
C. 1. e 2. c 3. d 4. a 5. b

Worksheet 2

- A. 1. b 2. c 3. a 4. b 5. d
B. 1. 1 2. any number except 0
3. 1 4. 1 5. 0
C.

		Divide by 10		Divide by 100	
		Q	R	Q	R
1.	134	13	4	1	34
2.	905	90	5	9	05
3.	671	67	1	6	71
4.	7,489	748	9	74	89
5.	8,975	897	5	89	75

Worksheet 3

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

B. 1. 1 2. 4,592 3. 0 4. 1 5. 0

C.

		Divide by 1000	
		Q	R
1.	6,547	6	547
2.	2,219	2	219
3.	8,631	8	631
4.	84,002	84	2
5.	76,083	76	83

Book of Holistic Teaching

Developing better

A. English

Rahul is a student who goes to school to study Science. He finds the concepts very easy and enjoys learning. Every year, he pays ₹12,000 for his tuition. To find out how much he pays each month, you can divide the yearly fee by 12.

B. Science

Xylem tubes transport water from the roots to the stem, leaves, and flowers, ensuring every part of the plant gets the water it needs.

C. Social studies

Dividing his empire helped Ashoka manage it better by allowing officials in each province to enforce rules and make decisions, ensuring fair treatment for everyone.

Book of Project Ideas

Making better

Accept all relevant responses.