

Answers

Theme 6: What Is Culture? Lesson-8: Fractions

Main Coursebook

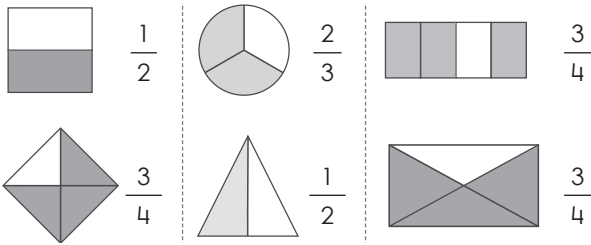
Kinaesthetic

Accept all the relevant responses.

Auditory

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

Pictorial



1. a. $\frac{6}{9}$

Numerator = 6, Denominator = 9

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

Numerator = 3, Denominator = 8

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

Numerator = 4, Denominator = 5

d. $\frac{13}{5}$

Numerator = 13, Denominator = 5

e. $\frac{5}{11}$

Numerator = 5, Denominator = 11

f. $\frac{12}{20}$

Numerator = 12, Denominator = 20

g. $\frac{2}{27}$

Numerator = 2, Denominator = 27

h. $\frac{17}{19}$

Numerator = 17, Denominator = 19

2. a. $\frac{2}{6}$

b. $\frac{2}{7}$

c. $\frac{1}{5}$

3. a. $\frac{5}{12}$

b. $\frac{11}{17}$

c. $\frac{6}{9}$

d. $\frac{17}{33}$

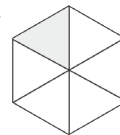
4. a. $\frac{1}{4}$

b. $\frac{6}{1}$

c. $\frac{2}{7}$

d. $\frac{2}{10}$

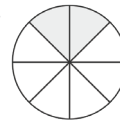
5. a.



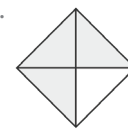
b.



c.



b.



6. a. $\frac{2}{3}$

b. $\frac{5}{7}$

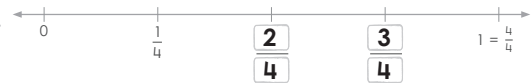
c. $\frac{3}{6}$

d. $\frac{4}{11}$

e. $\frac{6}{8}$

f. $\frac{4}{10}$

7. a.



b.



8. a. $\frac{7}{9} > \frac{3}{9}$

b. $\frac{5}{11} < \frac{9}{11}$

c. $\frac{7}{16} < \frac{11}{16}$

d. $\frac{20}{27} > \frac{18}{27}$

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. $\frac{19}{25}, \frac{10}{25}, \frac{8}{25}, \frac{5}{25}, \frac{4}{25}$

$$c. \frac{43}{44}, \frac{28}{44}, \frac{17}{44}, \frac{4}{44}, \frac{3}{44}$$

$$d. \frac{47}{51}, \frac{39}{51}, \frac{26}{51}, \frac{18}{51}, \frac{13}{51}, \frac{8}{51}$$

$$12. a. \frac{1}{4} = \frac{2}{8} \quad b. \frac{8}{12} = \frac{2}{3}$$

$$c. \frac{4}{6} = \frac{8}{24} \quad d. \frac{1}{2} = \frac{4}{8}$$

$$e. \frac{15}{20} = \frac{3}{4} \quad f. \frac{18}{12} = \frac{2}{3}$$

$$13. a. \frac{1}{6}, \frac{2}{12}, \frac{3}{18}, \frac{4}{24}, \frac{5}{30}$$

$$b. \frac{2}{3}, \frac{4}{6}, \frac{6}{9}, \frac{8}{12}, \frac{10}{15}$$

$$c. \frac{6}{7}, \frac{12}{14}, \frac{18}{21}, \frac{24}{28}, \frac{30}{35}$$

$$d. \frac{4}{5}, \frac{8}{10}, \frac{12}{15}, \frac{16}{20}, \frac{20}{25}$$

$$e. \frac{7}{9}, \frac{14}{18}, \frac{21}{27}, \frac{28}{36}, \frac{35}{45}$$

$$f. \frac{5}{10}, \frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \frac{4}{8}$$

$$14. a. \frac{1}{3} \text{ of } 9 = 3 \quad b. \frac{1}{5} \text{ of } 10 = 2$$

$$c. \frac{1}{3} \text{ of } 30 = 10 \quad d. \frac{1}{4} \text{ of } 44 = 11$$

$$e. \frac{1}{6} \text{ of } 36 = 6 \quad f. \frac{1}{8} \text{ of } 96 = 12$$

$$15. a. \frac{1}{2} \quad b. \frac{5}{6} \quad c. \frac{1}{3} \quad d. \frac{5}{6}$$

$$16. a. \frac{1}{3} + \frac{1}{3} = \frac{2}{3} \quad b. \frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

$$c. \frac{1}{7} + \frac{4}{7} = \frac{5}{7} \quad d. \frac{2}{9} + \frac{5}{9} = \frac{7}{9}$$

$$e. \frac{4}{11} + \frac{4}{11} = \frac{8}{11}$$

$$17. a. \frac{3}{3} - \frac{2}{3} = \frac{1}{3} \quad b. \frac{4}{7} - \frac{3}{7} = \frac{1}{7}$$

$$c. \frac{9}{9} - \frac{7}{9} = \frac{2}{9} \quad d. \frac{7}{11} - \frac{2}{11} = \frac{5}{11}$$

$$18. a. \frac{3}{4} - \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$$

$$b. \frac{2}{3} - \frac{1}{3} = \frac{1}{3}$$

$$c. \frac{6}{9} - \frac{4}{9} = \frac{2}{9}$$

$$d. \frac{9}{10} - \frac{2}{10} = \frac{7}{10}$$

$$e. \frac{7}{11} - \frac{5}{11} = \frac{2}{11}$$

$$f. \frac{6}{8} - \frac{1}{8} = \frac{5}{8}$$

$$g. \frac{4}{5} - \frac{2}{5} = \frac{2}{5}$$

$$h. \frac{3}{15} - \frac{1}{15} = \frac{2}{15}$$

$$19. a. \frac{4}{5}$$

$$b. \frac{7}{40}$$

$$c. \frac{13}{20}$$

Solving better

1. a. Numerator: 1, Denominator: 7
b. Numerator: 12, Denominator: 19
c. Numerator: 43, Denominator: 57
d. Numerator: 89, Denominator: 148

$$2. a. \frac{5}{10} \quad b. \frac{3}{5} \quad c. \frac{6}{15} \quad d. \frac{8}{11}$$

$$3. a. \frac{2}{8} < \frac{5}{8} \quad b. \frac{7}{9} > \frac{4}{9}$$

$$c. \frac{10}{23} = \frac{10}{23} \quad d. \frac{12}{57} < \frac{15}{57}$$

Learning better

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

B. 1. Eight ninths = c. $\frac{8}{9}$

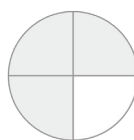
2. Five sevenths = d. $\frac{5}{7}$

3. Six eighths = b. $\frac{6}{8}$

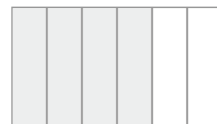
4. Three sixths = a. $\frac{3}{6}$

C. 1. $\frac{3}{5}$ 2. $\frac{6}{9}$ and $\frac{8}{9}$ 3. $\frac{3}{8}$ and $\frac{5}{8}$

D. 1.



2.



3.



4.



E. 1. $\frac{2}{7}$

Numerator: 2
Denominator: 7

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

Numerator: 3
Denominator: 8

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

Numerator: 4
Denominator: 6

4. $\frac{9}{12}$

Numerator: 9
Denominator: 12

F. 1. $\frac{2}{11} < \frac{4}{11}$ 2. $\frac{17}{23} < \frac{16}{23}$

3. $\frac{18}{25} < \frac{24}{25}$ 4. $\frac{16}{37} < \frac{17}{37}$

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.

4	6	8	10
10	15	20	25

2.

2	3	4	5
8	12	16	20

3.

12	18	24	30
20	30	40	50

4.

14	21	28	35
22	33	44	55

J.

	Apples	Oranges	Bananas	Dragon Fruits
7 a.m. – 10 a.m.	10	9	13	5
10 a.m. – 2 p.m.	12	21	11	4
2 p.m. – 6 p.m.	12	18	13	9

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

L. 1. $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$

2. $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$

3. $\frac{2}{3} + \frac{1}{3} = \frac{3}{3} = 1$

4. $\frac{12}{27} + \frac{4}{27} = \frac{16}{27}$

5. $\frac{6}{17} + \frac{7}{17} = \frac{13}{17}$

6. $\frac{5}{9} + \frac{3}{9} = \frac{8}{9}$

M. 1. $\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$

2. $\frac{7}{17} - \frac{6}{17} = \frac{1}{17}$

3. $\frac{8}{15} - \frac{4}{15} = \frac{4}{15}$

4. $\frac{5}{13} - \frac{1}{13} = \frac{4}{13}$

5. $\frac{15}{20} - \frac{4}{20} = \frac{11}{20}$

6. $\frac{6}{11} - \frac{5}{11} = \frac{1}{11}$

N. 1. $\frac{5}{6}$ 2. 8 marigolds

Thinking better

Think and write the answer in your notebook.

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

Choosing better

- By not throwing any waste near the monuments.



Interacting better

Accept all the relevant responses.

Understanding better (page no - 100)

- Yes
- Yes
- 7

Worksheets

Worksheet 1

- | | | |
|----------------------|------------------|------------------|
| A. 1. 4, 5 | 2. 8, 11 | 3. 7, 12 |
| 4. 3, 4 | 5. 1, 14 | 6. 12, 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. $\frac{3}{5}$ | 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. $\frac{5}{8}$

C. 1. $\frac{12}{17}$

2. $\frac{8}{11}$

3. $\frac{4}{25}$

4. $\frac{3}{17}$

5. $\frac{9}{21}$

Worksheet 3

- | | | |
|-----------------|----------------|-------|
| A. 1. One third | 2. Three fifth | |
| 3. two sixth | 4. One tenth | |
| 5. Seven ninth | | |
| B. 1. c. | 2. d. | 3. a. |
| 4. e. | 5. b. | |
| C. 1. > | 2. < | 3. > |
| 4. < | 5. > | |

Book of Holistic Teaching

Developing better

- Will discuss with designer
- Sam will use the remaining bandages and antiseptic wipes for first aid.
- 1

Book of Project Ideas

Making better

Accept all relevant responses.