

Name _____ Date _____



Skills Maintenance

Equivalent Fractions

Activity 1

Fill in a fraction equal to 1 to find the equivalent fraction with the LCD for each number. Then solve the problem.

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

The LCD is _____. Change the fractions to equivalent fractions with this LCD.

$$\frac{3}{4} \cdot \frac{\quad}{\quad} = \frac{\quad}{\quad} \qquad \frac{4}{6} \cdot \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Rewrite the problem. _____ Answer _____

2. $\frac{2}{5} - \frac{3}{10}$

The LCD is _____. Change the fractions to equivalent fractions with this LCD.

$$\frac{2}{5} \cdot \frac{\quad}{\quad} = \frac{\quad}{\quad} \qquad \frac{3}{10} \cdot \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Rewrite the problem. _____ Answer _____

Activity 2

Circle the simplified equivalent fraction for each.

1. $\frac{5}{10}$

(a) $\frac{1}{5}$

(b) $\frac{2}{10}$

(c) $\frac{1}{2}$

2. $\frac{6}{18}$

(a) $\frac{1}{2}$

(b) $\frac{1}{3}$

(c) $\frac{3}{9}$

3. $\frac{12}{15}$

(a) $\frac{2}{12}$

(b) $\frac{1}{15}$

(c) $\frac{4}{5}$

4. $\frac{6}{24}$

(a) $\frac{1}{4}$

(b) $\frac{1}{6}$

(c) $\frac{1}{3}$

5. $\frac{24}{32}$

(a) $\frac{12}{16}$

(b) $\frac{3}{4}$

(c) $\frac{6}{8}$



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Unit Review
Fractions and Decimal Numbers

Activity 1

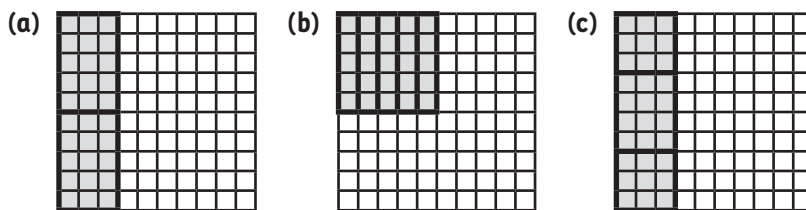
Convert the decimal numbers to fractions and fractions to decimal numbers. Make sure your answers are in the simplest form.

1. 0.25 _____
2. $\frac{2}{6}$ _____
3. $\frac{1}{2}$ _____
4. $\frac{10}{7}$ _____
5. 0.6 _____
6. 0.9 _____
7. $\frac{15}{20}$ _____
8. 0.40 _____

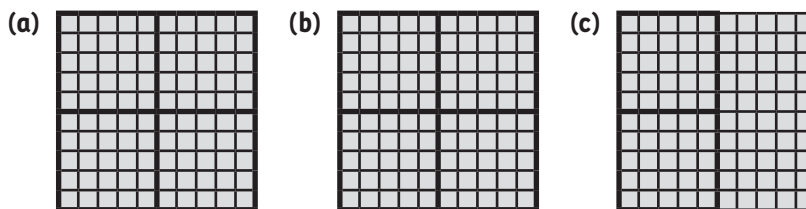
Activity 2

Select the 100-square grid that best represents the problem.

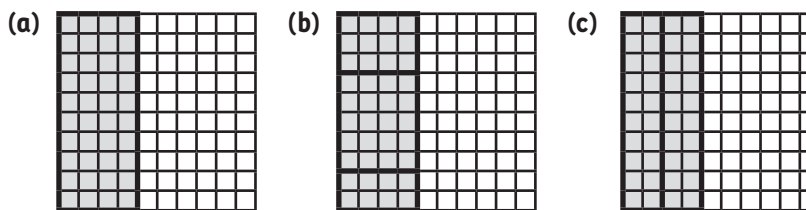
1. $0.25 \div 0.05$



2. $1.00 \div 0.25$



3. $0.4 \div 0.2$



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Activity 3

Add or subtract the fractions and decimal numbers. Simplify your answer.

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

2. $\frac{1}{7} + \frac{5}{21}$ _____

3. $\frac{4}{5} - \frac{1}{3}$ _____

4. $0.90 - 0.45$ _____

5. $0.11 + 0.98$ _____

6. $\frac{8}{9} + \frac{1}{2}$ _____

7. $\frac{10}{20} - \frac{1}{4}$ _____

8. $0.06 + 0.60$ _____

9. $0.300 - 0.030$ _____

Activity 4

Multiply or divide the fractions and decimal numbers. Simplify your answer.

1. $0.5 \cdot 0.7$ _____

2. $\frac{1}{4} \cdot \frac{3}{7}$ _____

3. $\frac{3}{5} \div \frac{2}{5}$ _____

4. $\frac{3}{10} \cdot \frac{11}{3}$ _____

5. $\frac{1}{7} \cdot \frac{8}{9}$ _____

6. $0.2 \cdot 1.047$ _____

7. $0.9 \div 0.2$ _____

8. $0.004 \div 0.03$ _____

9. $\frac{7}{9} \div \frac{3}{6}$ _____



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 **Unit Review**
Statistics

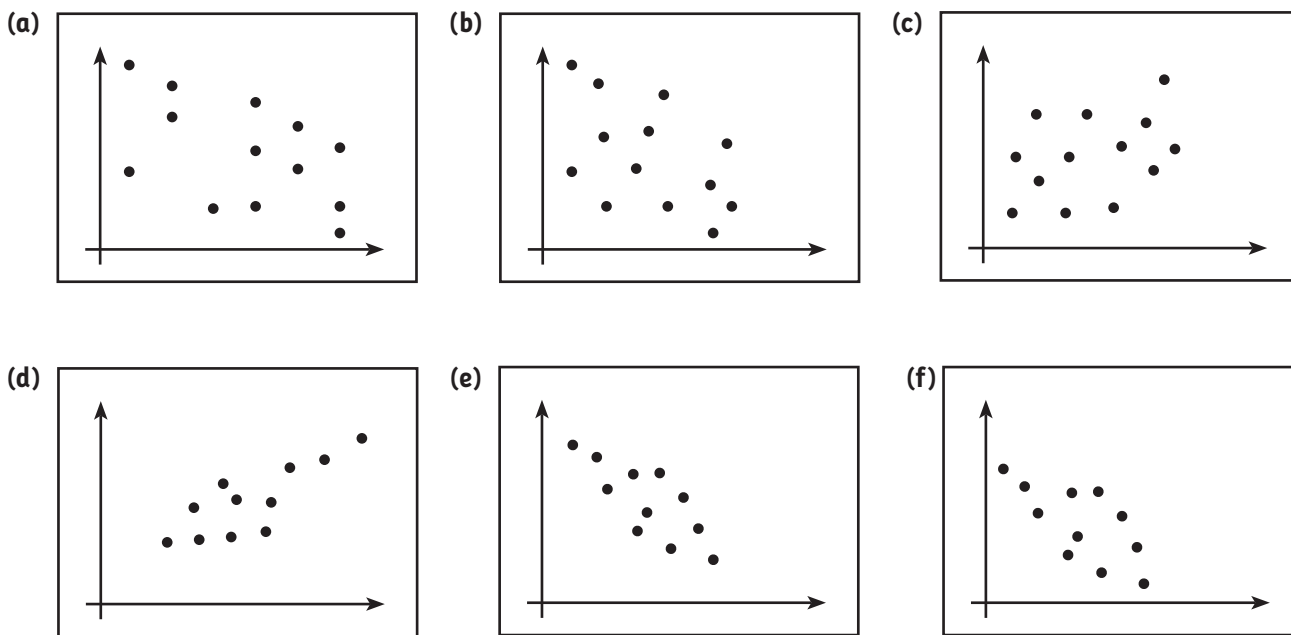
Activity 1

Find the minimum, maximum, range, mean, and median for the data.

- 1, 3, 3, 10, 11, 14, 26
 Min _____ Max _____
 Range _____ Mean _____ Median _____
- 40, 5, 10, 9, 7, 33, 52, 12
 Min _____ Max _____
 Range _____ Mean _____ Median _____

Activity 2

Select the graphs that show a line of best fit. Circle the letter. Then tell if they show a direct or indirect relationship.



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Activity 3

Construct a box-and-whisker plot from the set of data.

50, 73, 5, 66, 81, 100, 80, 83, 79, 88, 111, 82, 120

Activity 4

Draw a scatter plot, then tell if the plot represents a direct, indirect, or no relationship.

James took a survey of people in his class to find out if there was a relationship between how many hours people studied and how well they did on the midterm exam. He found the following results:

Name	Hours Studying	Score on Midterm
Ali	30 min	72
Laura	1 hour	75
Blake	6 hours	100
Mitch	2 hours	55
Chelsea	0 min	46
Alfred	3 hours	88
Michaela	3 hours	95
Alejo	30 min	60
Adda	5 hours	99
Jordan	5 hours	93