

Practice Set 42

Use with or after
Lesson 7-2



Write your answers below or on another piece of paper.

Judy brought 12 quarters to the arcade. She spent $\frac{1}{3}$ of them on video games and $\frac{1}{2}$ on basketball.



1. How much did she spend on video games? _____
2. How much did she spend on basketball? _____
3. How much money was left? _____
4. What fraction of the total is that? _____

Who am I?

5. Clue 1: I am less than 20.
Clue 2: I am an odd number.
Clue 3: I am the square root of 225.
I am _____.
6. Clue 1: I am less than 100.
Clue 2: I am an even number.
Clue 3: I can be represented by an array of 7 rows and 8 columns.
I am _____.
7. Clue 1: I am less than 1,000.
Clue 2: The sum of my digits is 26.
Clue 3: My ones digit is eight.
I am _____.

Practice Set 42 *continued*Use with or after
Lesson 7-2

Write your answers below or on another piece of paper.

Complete the "What's My Rule?" tables.

8.

Rule
out = in * 25

in	out
3	
4	
8	
	350
16	

9.

Rule
out = in / 9

in	out
81	
54	
	12
117	
	7

Solve.

10. $207 - \underline{\hspace{2cm}} = 65$

11. $521 + 227 = \underline{\hspace{2cm}}$

12. $190 + 448 = \underline{\hspace{2cm}}$

13. $690 - 237 = \underline{\hspace{2cm}}$

14. $1,416 - 948 = \underline{\hspace{2cm}}$

15. $60 = 5,400 \div \underline{\hspace{2cm}}$

16.
$$\begin{array}{r} 869 \\ - 44 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 483 \\ - 355 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 68 \\ * 8 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 8,521 \\ + 4,349 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 1,050 \\ * 4 \\ \hline \end{array}$$

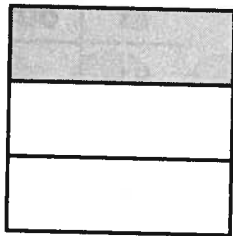
21.
$$\begin{array}{r} 2,756 \\ + 1,711 \\ \hline \end{array}$$

Practice Set 43Use with or after
Lesson 7-4

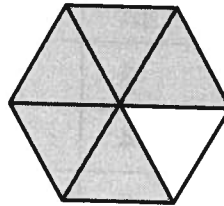
Write your answers below or on another piece of paper.

Write the fraction of the figure that is shaded.

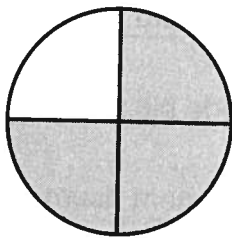
1.



2.



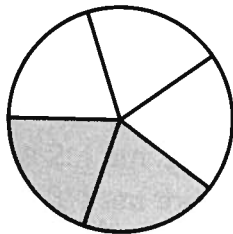
3.



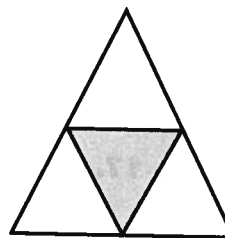
4.



5.



6.



Write $<$ or $>$ to make each number sentence true.

7. $9,608$ _____ $9,906$

8. $48,549$ _____ $48,459$

9. $113,012$ _____ $131,102$

10. $278,300$ _____ $79,309$

11. $3,780,576$ _____ $420,777$

12. $50,701,318$ _____ $5,710,381$

Name _____

Date _____

Time _____

Practice Set 43 *continued*Use with or after
Lesson 7-4

Write your answers below or on another piece of paper.

Divide. Write the answer as a mixed number.

13. $41 \div 6 =$ _____

14. $61 \div 3 =$ _____

15. $87 \div 4 =$ _____

16. $149 \div 2 =$ _____

17. $268 \div 5 =$ _____

18. $731 \div 8 =$ _____

19. $680 \div 9 =$ _____

20. $425 \div 7 =$ _____

The residents of an apartment building were asked how many people live in their households. The tallies in the table show the results of the survey. Use the table to help you answer the questions below.

21. How many households were interviewed?

22. How many people live in the building?

23. What is the median number of people per household in the building?

24. What is the approximate mean number (average) of people per household in the building to the nearest whole number?

People per Household	Number of Households
1	///
2	////
3	//// //
4	////
5	//
6	//

Practice Set 44

Use with or after
Lesson 7-5

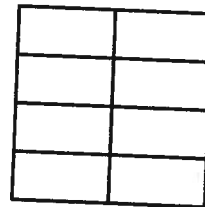


Write your answers below or on another piece of paper.

Solve.

1. A cake was cut into eight pieces.

a. Monday night $\frac{5}{8}$ of the cake was eaten. How much was left?

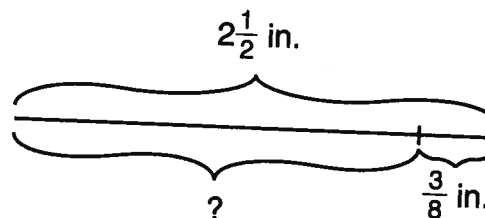


b. Marilyn ate $\frac{1}{4}$ of the cake and Billy ate $\frac{1}{8}$ of the cake.
How much cake did they eat in all?

2. Rita draws a line segment $2\frac{1}{2}$ inches long.

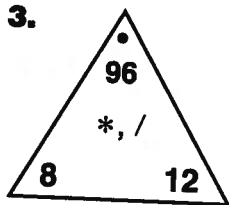
Then she erases $\frac{3}{8}$ inch.

How long is the line segment now?

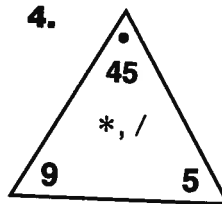


Write two multiplication and two division problems for each of the following
Fact Triangles:

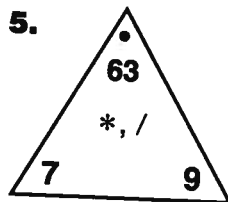
3.



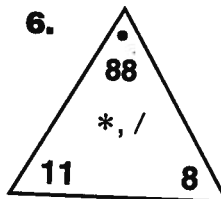
4.



5.



6.



Name _____

Date _____

Time _____

Practice Set 44 *continued*Use with or after
Lesson 7-5

Write your answers below or on another piece of paper.

Solve.

$$\begin{array}{r} 7. \quad 16 \\ \quad * 24 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 91 \\ \quad - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 31 \\ \quad * 42 \\ \hline \end{array}$$

$$10. \quad 7 \overline{)42}$$

$$11. \quad 486 \div 18$$

$$12. \quad 16 \overline{)336}$$

$$\begin{array}{r} 13. \quad 185 \\ \quad - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 748 \\ \quad + 546 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 87 \\ \quad * 12 \\ \hline \end{array}$$

$$16. \quad 496 / 8$$

$$\begin{array}{r} 17. \quad 79 \\ \quad * 57 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 9,017 \\ \quad + 4,526 \\ \hline \end{array}$$

19. Daniel planted 6 rows of beets in his garden, with 24 beets in each row. How many beets did he plant in all?
- _____

20. The tank of Mr. Washington's car holds about 16 gallons of gasoline. About how many gallons are in the tank when the gauge shows $\frac{1}{2}$ full?
- _____

21. When the gas tank is about $\frac{1}{4}$ full, Mr. Washington stops to fill the tank. If gasoline costs \$1.50 per gallon, about how much does it cost to fill the tank?
- _____

22. Joshua records his weight change every week. At the beginning of March, he weighed 87 pounds. His weekly weight fluctuations in March were +2, -1, +1 and +3 pounds. What was Joshua's total weight change for March? How much did he weigh at the end of the month?
- _____

Practice Set 45

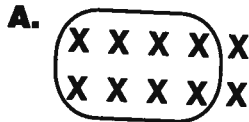
Use with or after
Lesson 7-7



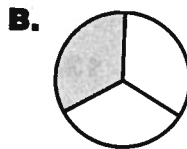
Write your answers below or on another piece of paper.

Write the letter of the picture that represents a fraction that is equivalent to the given fraction.

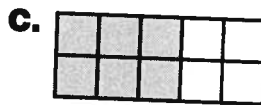
1. $\frac{1}{2}$ _____



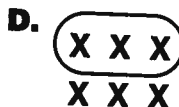
2. $\frac{6}{10}$ _____



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



4. $\frac{2}{6}$ _____



For each pair of fractions, write *yes* if the fractions are equivalent. Write *no* if the fractions are not equivalent.

5. $\frac{1}{6}, \frac{2}{12}$ _____

6. $\frac{7}{12}, \frac{3}{4}$ _____

7. $\frac{1}{2}, \frac{5}{10}$ _____

8. $\frac{1}{3}, \frac{2}{9}$ _____

9. $\frac{4}{5}, \frac{12}{20}$ _____

10. $\frac{40}{50}, \frac{8}{10}$ _____

11. $\frac{6}{8}, \frac{3}{4}$ _____

12. $\frac{1}{4}, \frac{4}{12}$ _____

Solve.

13. $\$1.20 * 5 =$ _____

14. $24 = 8 *$ _____

15. $9.2 + 6.3 =$ _____

16. $3 *$ _____ $= \$1.80$

17. _____ $\div 1,200 = 5$

18. $14.0 - 7.4 =$ _____

19. $18 *$ _____ $= 36$

20. _____ $\div 180 = 2$

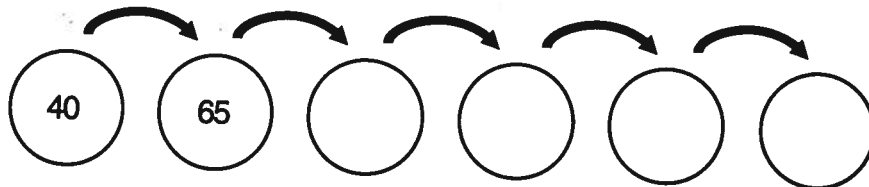
Practice Set 45 *continued*Use with or after
Lesson 7-7

Write your answers below or on another piece of paper.

Complete the frames-and-arrows problems.

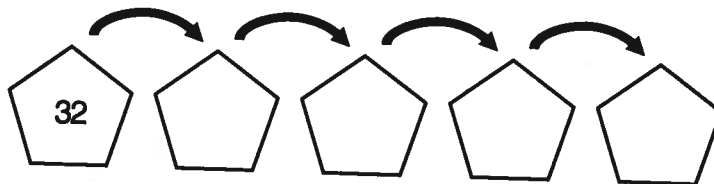
21.

Rule
+ 25



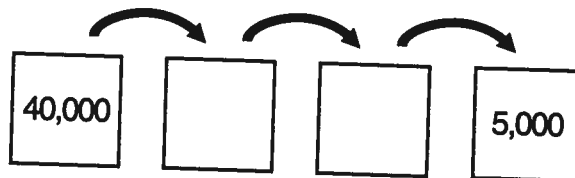
22.

Rule
* 10



23.

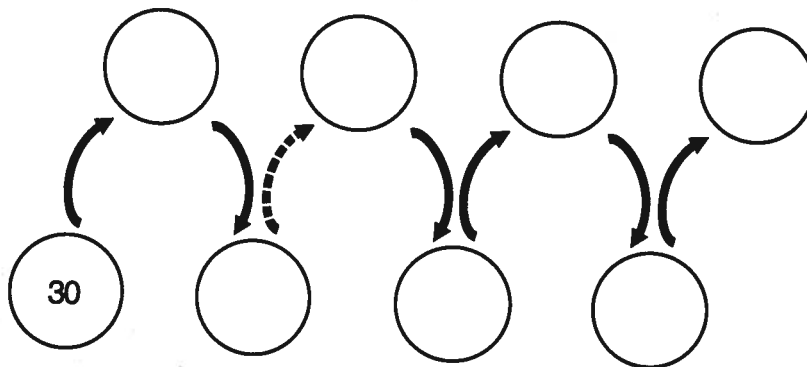
Rule



24.

Rule
* 10

Rule
- 100



Name _____

Date _____

Time _____

Practice Set 46Use with or after
Lesson 7-8

Write your answers below or on another piece of paper.

Write an equivalent decimal for each fraction.

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

2. $\frac{74}{100}$ _____

3. $\frac{3}{10}$ _____

4. $\frac{98}{100}$ _____

5. $\frac{4}{10}$ _____

6. $\frac{4}{5}$ _____

7. $\frac{39}{100}$ _____

8. $\frac{19}{100}$ _____

9. $\frac{7}{10}$ _____

10. $\frac{55}{100}$ _____

11. $\frac{2}{5}$ _____

12. $\frac{81}{100}$ _____

Complete the "What's My Rule?" tables.

13.

Rule
out = in + 15

in	out
18	
34	
	56
48	
90	

14.

Rule
out = in - 22

in	out
43	
34	
	9
18	
	77

15.

Rule
out = in * 4

in	out
0	
	8
4	
10	
15	

16.

Rule
out = in / 3

in	out
18	
	12
60	
	30
	40

Practice Set 47Use with or after
Lesson 7-9

Write your answers below or on another piece of paper.

Write $<$, $>$, or $=$ to make each number sentence true.

1. $\frac{2}{5}$ _____ $\frac{7}{8}$

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

3. $\frac{7}{8}$ _____ $\frac{1}{2}$

4. $\frac{5}{8}$ _____ $\frac{10}{16}$

5. $\frac{9}{10}$ _____ $\frac{2}{10}$

6. $\frac{6}{12}$ _____ $\frac{3}{6}$

7. $\frac{6}{30}$ _____ $\frac{3}{15}$

8. $\frac{9}{12}$ _____ $\frac{1}{5}$

Decide whether each fraction is less than $\frac{1}{2}$, equal to $\frac{1}{2}$, or greater than $\frac{1}{2}$. Write *less than $\frac{1}{2}$* , *greater than $\frac{1}{2}$* , or *equal to $\frac{1}{2}$* .

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

10. $\frac{10}{25}$ _____

11. $\frac{12}{15}$ _____

12. $\frac{10}{20}$ _____

13. $\frac{7}{10}$ _____

14. $\frac{1}{12}$ _____

15. $\frac{9}{16}$ _____

16. $\frac{12}{50}$ _____

17. Write the number that has

4 in the tens place

7 in the hundred-thousands place

5 in the ones place

0 in the thousands place

6 in the hundreds place

8 in the ten-thousands place

_____ , _____

Practice Set 47 *continued*Use with or after
Lesson 7-9

Write your answers below or on another piece of paper.

Solve.

18.
$$\begin{array}{r} 125 \\ + 76 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 43 \\ * 4 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 610 \\ * 8 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 810 \\ - 271 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 680 \\ - 596 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 47 \\ + 72 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 1,015 \\ - 450 \\ \hline \end{array}$$

25.
$$\begin{array}{r} 600 \\ - 310 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 204 \\ + 329 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 8,134 \\ + 3,538 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 2,000 \\ - 199 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 460 \\ - 280 \\ \hline \end{array}$$

30. It takes Sam about 35 minutes to get ready for school. If the bus comes by at 7:45 A.M., what time should Sam get up?
- _____

31. $6 * \underline{\hspace{2cm}} = 18$

32. $3 * 7 = \underline{\hspace{2cm}}$

33. $16 / 4 = \underline{\hspace{2cm}}$

34. $20 / \underline{\hspace{2cm}} = 4$

35. $24 / 8 = \underline{\hspace{2cm}}$

36. $9 * 4 = \underline{\hspace{2cm}}$

37. $8 * \underline{\hspace{2cm}} = 64$

38. $81 = \underline{\hspace{2cm}} * 9$

39. $2 * 30 = \underline{\hspace{2cm}}$

40. $540 \div \underline{\hspace{2cm}} = 90$

Practice Set 48Use with or after
Lesson 7-10

Write your answers below or on another piece of paper.

Complete.

1. If 9 counters are $\frac{1}{2}$, then _____ counters are the ONE.
2. If 4 counters are $\frac{1}{3}$, then _____ counters are the ONE.
3. If 7 counters are $\frac{1}{5}$, then _____ counters are the ONE.
4. If 10 counters are $\frac{2}{9}$, then _____ counters are the ONE.
5. If 6 counters are $\frac{2}{3}$, then _____ counters are the ONE.
6. If 15 counters are $\frac{5}{8}$, then _____ counters are the ONE.

Tell if each product is in the tens, hundreds, or thousands.

7. $5 * 47$ _____
8. $22 * 95$ _____
9. $6 * 850$ _____
10. $3 * 21$ _____
11. $16 * 16$ _____
12. $27 * 75$ _____
13. $4 * 125$ _____
14. $82 * 59$ _____

Write *true* or *false* for each number sentence.

15. $82 + 7 = 99$ _____
16. $(5 * 2) + 6 = 60$ _____
17. $(27 / 9) - 15 = 18$ _____
18. $81 + 5 < 100$ _____
19. $527 - 92 > 500$ _____
20. $670 / 10 < 70$ _____

Practice Set 49

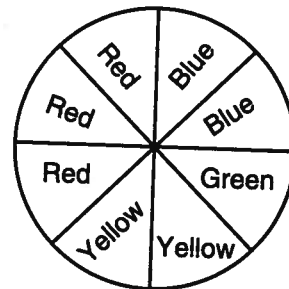
Use with or after
Lesson 7-11



Write your answers below or on another piece of paper.

Use the spinner for items 1–5. Write *true* or *false* for each statement.

- The chances of the paper clip landing on red are 3 out of 8. _____
- The paper clip is 3 times as likely to land on red as on yellow. _____
- The paper clip is least likely to land on blue. _____
- The paper clip has the same chance of landing on blue as on yellow. _____
- The paper clip has a $\frac{1}{6}$ chance of landing on green. _____



Write the digit in the hundredths place for each of the following.

6. 0.108 _____ 7. 13.313 _____ 8. 5.925 _____ 9. 4.078 _____

Write 2 multiplication and 2 division facts for the following groups of numbers.

10. 4, 9, and 36

11. 6, 8, and 48

12. 10, 7, and 70

13. 7, 6, and 42

Solve.

14. $82 - 17 =$ _____

15. $70 + 26 =$ _____

16. $40 - 17 =$ _____

17. $16 - 8 =$ _____

18. $9 * 9 =$ _____

19. $120 -$ _____ $= 30$