Practice Set 56

Write your answers below or on another piece of paper.

Rename each decimal as a fraction with a denominator of 100 and as a percent.

1. 0.23 _____   **2.** 0.52 _____   **3.** 0.07 _____   **4.** 0.10 _____

_____ %   _____ %   _____ %   _____ %

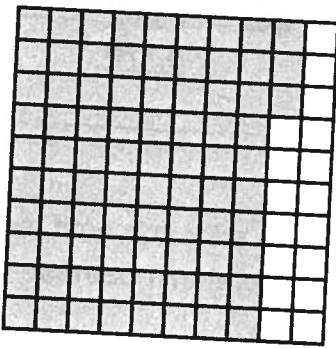Rename each percent as a fraction with a denominator of 100 and as a decimal.

5. 80% _____

_____

7. 1% _____

_____

6. 15% _____

_____
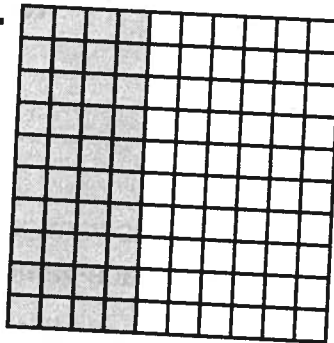
8. 24% _____

_____

Write the value of the shaded part as a decimal, a fraction, and a percent.

9.

10.

_____ , _____ , _____ %   _____ , _____ , _____ %

Write two equivalent fractions for the following numbers.

11. $\frac{1}{6}$ _____

12. $\frac{3}{7}$ _____

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

14. $\frac{6}{8}$ _____

15. $\frac{11}{14}$ _____

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

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

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

Practice Set 56 *continued*

SRB
12–14

Write your answers below or on another piece of paper.

For each Fact Minute below, do as many problems as you can in that minute.

| Fact Minute 1	Fact Minute 2	Fact Minute 3
19. $13 - 4 =$ _____	**34.** $4 - 0 =$ _____	**49.** $12 - 9 =$ _____
20. $13 - 8 =$ _____	**35.** $14 - 7 =$ _____	**50.** $11 - 6 =$ _____
21. $12 - 7 =$ _____	**36.** $9 - 9 =$ _____	**51.** $10 - 7 =$ _____
22. $14 - 5 =$ _____	**37.** $18 - 9 =$ _____	**52.** $16 - 8 =$ _____
23. $17 - 9 =$ _____	**38.** $10 - 1 =$ _____	**53.** $11 - 4 =$ _____
24. $12 - 8 =$ _____	**39.** $15 - 7 =$ _____	**54.** $11 - 5 =$ _____
25. $12 - 4 =$ _____	**40.** $13 - 7 =$ _____	**55.** $10 - 2 =$ _____
26. $14 - 8 =$ _____	**41.** $13 - 5 =$ _____	**56.** $15 - 9 =$ _____
27. $12 - 3 =$ _____	**42.** $10 - 6 =$ _____	**57.** $12 - 6 =$ _____
28. $16 - 9 =$ _____	**43.** $19 - 8 =$ _____	**58.** $11 - 3 =$ _____
29. $15 - 8 =$ _____	**44.** $12 - 5 =$ _____	**59.** $14 - 9 =$ _____
30. $15 - 6 =$ _____	**45.** $13 - 9 =$ _____	**60.** $14 - 6 =$ _____
31. $10 - 3 =$ _____	**46.** $13 - 6 =$ _____	**61.** $16 - 7 =$ _____
32. $11 - 8 =$ _____	**47.** $17 - 8 =$ _____	**62.** $11 - 2 =$ _____
33. $9 - 5 =$ _____	**48.** $11 - 7 =$ _____	**63.** $10 - 4 =$ _____

Practice Set 57

Write your answers below or on another piece of paper.

Match each decimal or fraction with the equivalent percent. Then write the letter that identifies the percent.

1. $\frac{2}{5}$ _____   A. 50%

2. 0.60 _____   B. 75%

3. $\frac{1}{2}$ _____   C. 40%

4. 0.70 _____   D. 80%

5. $\frac{3}{10}$ _____   E. 10%

6. 0.80 _____   F. 70%

7. 0.10 _____   G. 60%

8. $\frac{3}{4}$ _____   H. 30%

Complete the frames-and-arrows problems.
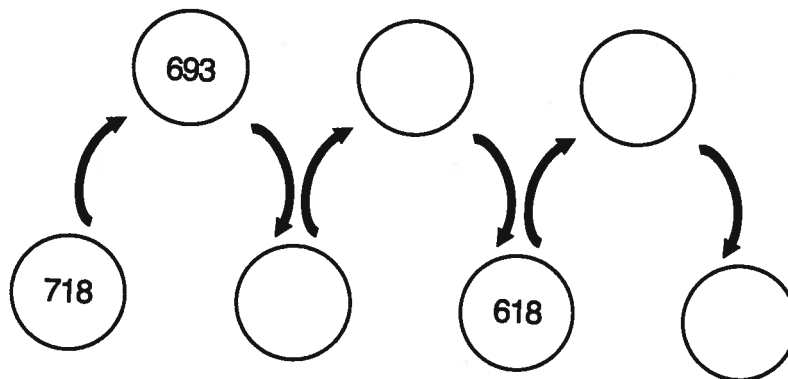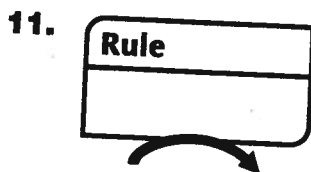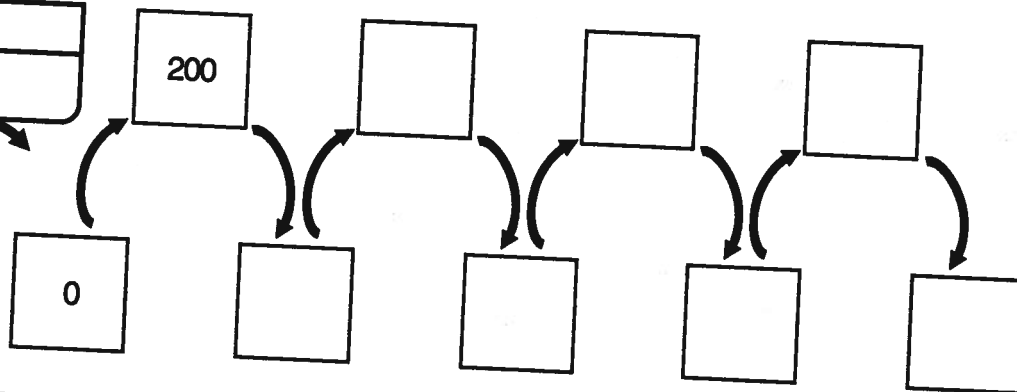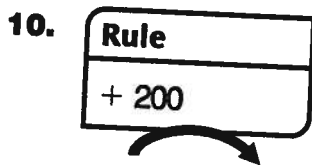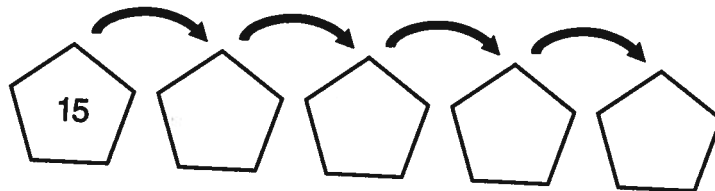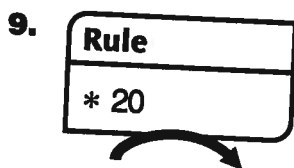
9.

Rule

* 20

15

10.

Rule

+ 200

200

0

11.

Rule

693

718   618

Practice Set 58

Write your answers below or on another piece of paper.

There were 50 problems on a test.

1. Sara missed $\frac{1}{5}$ of the problems. She missed 0.20 of the problems. That's 20% of the problems.

   a. How many problems did she miss? _____

   b. $\frac{1}{5}$ of 50 = _____

   c. 20% of 50 = _____

2. Erik missed $\frac{1}{10}$ of the problems. He missed 0.10 of the problems. That's 10% of the problems.

   a. How many problems did he miss? _____

   b. $\frac{1}{10}$ of 50 = _____

   c. 10% of 50 = _____

Solve.

3. $40 - s = 35$ _____

4. $55 = 18 + t$ _____

5. $r + 9 = 51$ _____

6. $90 - n = 43$ _____

7. $76 + t = 206$ _____

8. $12 = 357 - y$ _____

9. $b - 50 = 750$ _____

10. $543 + c = 812$ _____

Solve these problems mentally.

11. $76,432 - 1,000 =$ _____

12. $76,432 - 100 =$ _____

13. $76,432 - 10,000 =$ _____

14. $76,432 - 10 =$ _____

15. Write the largest number you can using the following digits only once.

   6   4   0   1   9   4   2   3   2

   ____ ____ ____ , ____ ____ ____ , ____ ____ ____
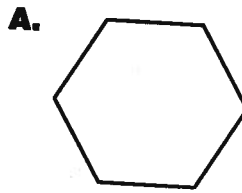
Practice Set 58 *continued*

SRB
44
129

Write your answers below or on another piece of paper.

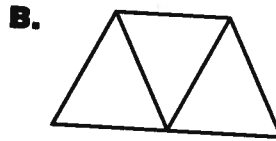Match the fraction with the shape that is the ONE for that fraction.

16. If △ is $\frac{1}{3}$,

A.

the ONE is _____ .

17. If ▱ is $\frac{1}{2}$,

B.

the ONE is _____ .

18. If is $\frac{3}{4}$,

C.

the ONE is _____ .

19. If is $\frac{1}{2}$,
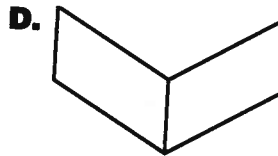
D.

the ONE is _____ .

Complete.

20. 18 cm = _____ m

21. 3 m = _____ cm

22. _____ mm = 42 cm

23. _____ cm = 450 mm

24. 1.5 m = _____ cm

25. _____ mm = 8 cm

26. 100 mm = _____ cm

27. 200 cm = _____ m

28. _____ m = 75 cm

29. 155 cm = _____ mm

94

Name _____ Date _____ Time _____

Write your answers below or on another piece of paper.

Do not use a calculator to convert these fractions to percents.

1. $\frac{91}{100}$ _____

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

3. $\frac{7}{20}$ _____

4. $\frac{9}{25}$ _____

5. $\frac{15}{50}$ _____

6. $\frac{75}{125}$ _____

Use a calculator to convert these fractions to percents.

7. $\frac{21}{30}$ _____

8. $\frac{28}{70}$ _____

9. $\frac{11}{88}$ _____

10. $\frac{24}{80}$ _____

11. $\frac{9}{36}$ _____

12. $\frac{18}{48}$ _____

Write the value of the digit 8 in the numerals below.

13. 589 _____

14. 87,402 _____

15. 719,538 _____

16. 482,391 _____

17. 8,946,326 _____

Use digits to write the following numbers.

18. seventy-four million, nine thousand, sixty-four

_____

19. nineteen and sixty-eight hundredths

_____

20. four hundred nine and eight hundred twenty-seven thousandths

_____

Practice Set 59 *continued*
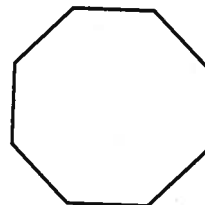
Use with or after
Lesson 9-4

SRB
56
96-97

Write your answers below or on another piece of paper.

21. What kind of polygon is shown? _____

22. How many sides does it have? _____

23. If each side were 1.5 cm long, what would the perimeter be?

_____

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

24.

Rule
out = in + 38

in	out
9	
12	
15	
25	
100	

25.

Rule

in	out
7	490
10	700
	420
11	
3	210

26.

Rule
out = in − 108

in	out
80	
160	
	90
2,400	
	1,200

27.

Rule

in	out
160	4
440	11
	15
800	
30	$\frac{3}{4}$

Complete.

28. 140 minutes is the same as

_____ hours and _____ minutes.

29. 63 hours is the same as

_____ days and _____ hours.

Practice Set 60

Write your answers below or on another piece of paper.

Ms. Juarez earns $35,000 a year. She made a budget to show how she spends her money. Write the percent of her budget that is

1. housing _____%

2. clothing _____%

3. food _____%

4. transportation _____%

5. savings _____%

6. health _____%

7. other _____%

Mrs. Juarez's Budget	
Category	Amount
Housing	$15,000
Clothing	$2,500
Food	$3,750
Transportation	$5,200
Savings	$3,000
Health	$3,400
Other	$2,150

Solve.

8. $2.20 * 5 = _____

9. 72 = 9 * _____

10. 4.2 − 2.3 = _____

11. 5 * _____ = $3.50

12. _____ ÷ 1200 = 60

13. 28.0 − 6.4 = _____

14. 60 * _____ = 4200

15. _____ ÷ 36 = 20

Practice Set 61

Use with or after
Lesson 9-7

SRB
38-39
53-54 73

Write your answers below or on another piece of paper.

Match the expression with the number at the right. Write the letter of the number that corresponds to the expression.

1. 50% of 25,000 _____

2. 10% of 6,000 _____

3. 25% of 40,000 _____

4. 30% of 100,000 _____

5. 10% of 50,000 _____

A. 600

B. 5,000

C. 12,500

D. 10,000

E. 30,000

Write the fractions in order from smallest to largest.

6. $\frac{1}{4}, \frac{1}{12}, \frac{1}{9}, \frac{1}{2}, \frac{1}{3}$

_____ , _____ , _____ , _____ , _____

7. $\frac{4}{6}, \frac{4}{9}, \frac{4}{8}, \frac{4}{15}, \frac{4}{100}$

_____ , _____ , _____ , _____ , _____

8. $\frac{15}{16}, \frac{5}{16}, \frac{3}{16}, \frac{1}{16}, \frac{7}{16}$

_____ , _____ , _____ , _____ , _____

Rita checked the price of 1 pound of margarine at 5 different grocery stores. The prices she found were 85¢, 98¢, $1.09, 75¢, $1.08.

9. What is the maximum price? _____

10. What is the minimum price? _____

11. What is the range of prices? _____

12. What is the median price? _____

13. What is the mean (average) price? _____

Practice Set 61 *continued*

Use with or after
Lesson 9-7

SRB
34-37
59

Write your answers below or on another piece of paper.

Complete.

14. $\frac{1}{4}$ of 40¢ is _____ ¢

15. $\frac{1}{2}$ of 50¢ is _____ ¢

16. $\frac{1}{3}$ of 60¢ is _____ ¢

17. $\frac{2}{3}$ of 30¢ is _____ ¢

Solve.

18. 16.25
    $+ 5.13$

19.   7.4
    $+ 5.13$

20. 41.02
    $+ 6.89$

21.   5.97
    $+ 3.6$

22.   6.6
    $- 2.1$

23. 15.43
    $- 3.06$

24. 12.98
    $- 7.8$

25. 59.35
    $- 11.63$

Write the amounts.

26. Q Q Q D D D D N P P P P P

$_____

27. $1 $1 Q Q Q D D D D N P P

$_____

28. $5 $1 $1 $1 $1 Q Q Q Q N N N

$_____

29. $100 $100 $20 $5 $1 $1 $1 Q Q Q Q Q

$_____

Practice Set 62

SRB
438
149

Write your answers below or on another piece of paper.

Rewrite the product, correctly placing the decimal point.

1. 7 * 2.3 = 161 _____

2. 0.9 * 42 = 378 _____

3. 1.4 * 281 = 3,934 _____

4. 0.03 * 510 = 153 _____

5. 6.16 * 40 = 2,464 _____

6. 2,435 * 7.2 = 17,532 _____

Multiply.

7. 2.6 * 96 = _____

8. 0.51 * 43 = _____

9. 5.42 * 6 = _____

10. 8.7 * 12 = _____

11. 124 * 0.9 = _____

12. 1.64 * 52 = _____

In the numeral 28,490, the 8 stands for 8,000.

13. What does the 4 stand for? _____

14. What does the 2 stand for? _____

15. What does the 9 stand for? _____

16. What does the 0 stand for? _____

Tell whether each number sentence is *true* or *false*.

17. 14 + 8 = 22 _____

18. 65 − 12 = 54 _____

19. 18 = 39 − 14 _____

20. 74 = 26 + 48 _____

Practice Set 62 *continued*

Write your answers below or on another piece of paper.

Answer the questions by writing each fraction in simplest terms.

21. What fraction of the coins is pennies? _____

22. What fraction of the coins is nickels? _____

23. What fraction of the coins is dimes? _____

24. How much money is there in the whole group? _____

25. If you took away $\frac{1}{3}$ of the dimes, how much money would be left? _____

---

26. Use the clues to complete the place-value puzzle.

- Add 3 to the result of 71 – 68. Write the result in the hundredths place.
- Write the result of 54 / 9 in the ones place.
- Multiply 6 * 12. Subtract 65. Write the result in the tens place.
- Double the number in the ones place. Then divide by 3 and write the result in the thousandths place.
- Divide 24 by 6. Add 5 and write the result in the tenths place.

10s	1s		0.1s	0.01s	0.001s
		.			