

Name \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

**Practice Set 16**Use with or after  
Lesson 3·2

Write your answers below or on another piece of paper.

In each set of problems below, do as many exercises as you can in one minute.  
Ask someone to time you.**Problem Set 1**

1.  $9 * 6 =$  \_\_\_\_\_

2.  $7 * 7 =$  \_\_\_\_\_

3.  $21 \div 7 =$  \_\_\_\_\_

4.  $12 * 8 =$  \_\_\_\_\_

5.  $44 \div 4 =$  \_\_\_\_\_

6.  $2 * 10 =$  \_\_\_\_\_

7.  $11 * 4 =$  \_\_\_\_\_

8.  $64 \div 8 =$  \_\_\_\_\_

9.  $12 * 5 =$  \_\_\_\_\_

10.  $10 * 11 =$  \_\_\_\_\_

11.  $81 \div 9 =$  \_\_\_\_\_

12.  $54 \div 6 =$  \_\_\_\_\_

13.  $9 * 7 =$  \_\_\_\_\_

14.  $48 \div 8 =$  \_\_\_\_\_

15.  $9 * 3 =$  \_\_\_\_\_

**Problem Set 2**

16.  $12 * 7 =$  \_\_\_\_\_

17.  $2 * 9 =$  \_\_\_\_\_

18.  $6 * 6 =$  \_\_\_\_\_

19.  $9 * 9 =$  \_\_\_\_\_

20.  $121 \div 11 =$  \_\_\_\_\_

21.  $6 * 7 =$  \_\_\_\_\_

22.  $4 * 12 =$  \_\_\_\_\_

23.  $21 \div 3 =$  \_\_\_\_\_

24.  $108 \div 9 =$  \_\_\_\_\_

25.  $8 * 4 =$  \_\_\_\_\_

26.  $42 \div 6 =$  \_\_\_\_\_

27.  $144 \div 12 =$  \_\_\_\_\_

28.  $4 * 10 =$  \_\_\_\_\_

29.  $11 * 11 =$  \_\_\_\_\_

30.  $8 * 3 =$  \_\_\_\_\_

**Problem Set 3**

31.  $12 * 11 =$  \_\_\_\_\_

32.  $54 \div 9 =$  \_\_\_\_\_

33.  $42 \div 7 =$  \_\_\_\_\_

34.  $7 * 3 =$  \_\_\_\_\_

35.  $12 * 4 =$  \_\_\_\_\_

36.  $55 \div 5 =$  \_\_\_\_\_

37.  $6 * 8 =$  \_\_\_\_\_

38.  $3 * 11 =$  \_\_\_\_\_

39.  $90 \div 9 =$  \_\_\_\_\_

40.  $48 \div 6 =$  \_\_\_\_\_

41.  $12 * 9 =$  \_\_\_\_\_

42.  $4 * 7 =$  \_\_\_\_\_

43.  $3 * 8 =$  \_\_\_\_\_

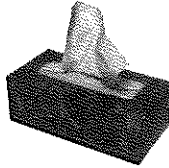
44.  $132 \div 12 =$  \_\_\_\_\_

45.  $49 \div 7 =$  \_\_\_\_\_

Write your answers below or on another piece of paper.



Lightbulbs  
4-pack \$1.07



Tissues  
\$0.99



Batteries  
4-pack \$1.99



Transparent Tape  
\$0.84



Ballpoint Pen  
\$0.24



VCR Tape  
\$2.79

**46.** John must buy supplies for his company. He needs five lightbulbs, four boxes of tissues, and six rolls of transparent tape. How much money will he need for these supplies?

\_\_\_\_\_

**47.** Ms. Larson has four dollars. How many pens can she buy?

\_\_\_\_\_

**48.** Judy and Sarah are going to videotape their school's pageant. They need eight batteries and two VCR tapes for the camera. They have ten dollars. Do they have enough money to buy what they need? What is the difference between the money they have and the money they need?

\_\_\_\_\_

**49.** About how much is each of the lightbulbs in the 4-pack?

\_\_\_\_\_

**50.** About how much is each of the batteries in the 4-pack?

\_\_\_\_\_

**Practice Set 17**Use with or after  
Lesson 3-3

Write the missing numbers below or on another piece of paper.

1.  $3 * \underline{\hspace{2cm}} = 15$

2.  $\underline{\hspace{2cm}} * 8 = 48$

3.  $\underline{\hspace{2cm}} / 7 = 6$

4.  $3 * \underline{\hspace{2cm}} = 30$

5.  $18 / \underline{\hspace{2cm}} = 9$

6.  $\underline{\hspace{2cm}} * 7 = 63$

7.  $\underline{\hspace{2cm}} * 4 = 32$

8.  $\underline{\hspace{2cm}} / 2 = 7$

9.  $20 / \underline{\hspace{2cm}} = 5$

10.  $\underline{\hspace{2cm}} * 5 = 25$

11.  $\underline{\hspace{2cm}} / 7 = 4$

12.  $54 / \underline{\hspace{2cm}} = 6$

**Who am I?**

13. Clue 1: I am less than 10.

Clue 2: I am an odd number.

Clue 3: If you turn me upside down, I am an even number.

\_\_\_\_\_

14. Clue 1: I am less than 100.

Clue 2: The sum of my digits is 8.

Clue 3: If you divide me by 2, I am an even number.

Clue 4: My tens digit and my ones digit are the same.

\_\_\_\_\_

15. Clue 1: I am a number between 75 and 150.

Clue 2: My tens digit is three times my ones digit.

Clue 3: The sum of my digits is 5.

Clue 4: My hundreds digit and my ones digit are the same.

\_\_\_\_\_



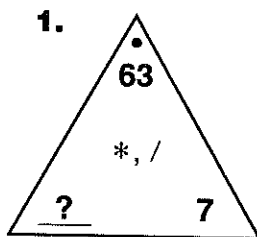
Write your answers below or on another piece of paper.

Find the missing number for each Fact Triangle. Then write the fact family for that triangle.

**Example**

**Missing number: 6**

**Fact family:  $5 * 6 = 30$**   
 $6 * 5 = 30$   
 $30 / 6 = 5$   
 $30 / 5 = 6$



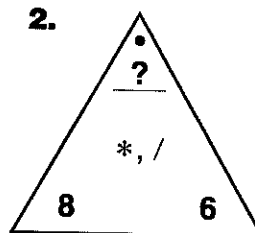
Missing number: \_\_\_\_\_

Fact family:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



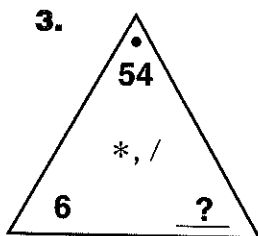
Missing number: \_\_\_\_\_

Fact family:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



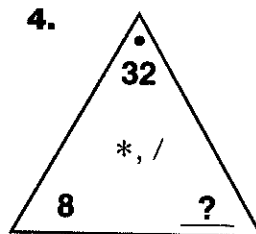
Missing number: \_\_\_\_\_

Fact family:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



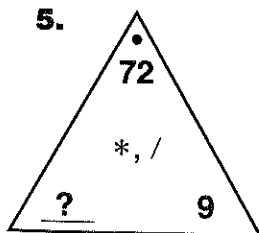
Missing number: \_\_\_\_\_

Fact family:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



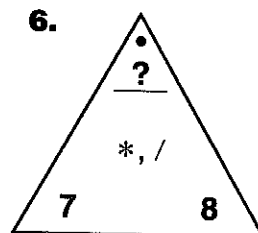
Missing number: \_\_\_\_\_

Fact family:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Missing number: \_\_\_\_\_

Fact family:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Practice Set 18** *continued*Use with or after  
Lesson 3·4

Write your answers below or on another piece of paper.

Solve.

7.  $80 \div 8 =$  \_\_\_\_\_

8.  $30 * 80 =$  \_\_\_\_\_

9.  $800 = 8 *$  \_\_\_\_\_

10.  $4 * 400 =$  \_\_\_\_\_

11.  $30 *$  \_\_\_\_\_  $= 1,500$

12. \_\_\_\_\_  $\div 1,000 = 8$

13.  $1,400 \div 700 =$  \_\_\_\_\_

14.  $28 *$  \_\_\_\_\_  $= 560$

15. \_\_\_\_\_  $\div 70 = 70$

16.  $6 * 30 =$  \_\_\_\_\_

17.  $4,500 \div$  \_\_\_\_\_  $= 5$

18.  $9 * 90 =$  \_\_\_\_\_

19. How much money, without tax, will I need for 3 boxes of crackers that cost \$1.59 each?

\_\_\_\_\_

20. How many dollars are in 18 five-dollar bills?

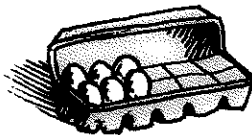
\_\_\_\_\_

21. If 1 block is 200 meters long, how far will you run in 7 blocks?

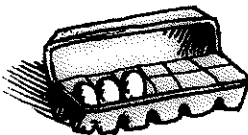
\_\_\_\_\_

Write numbers for the fractional parts shown in each picture.

Example

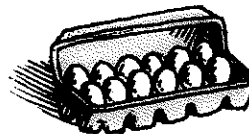
 $\frac{6}{12}$  or  $\frac{1}{2}$ 

22.



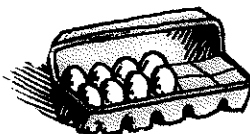
\_\_\_\_\_

23.



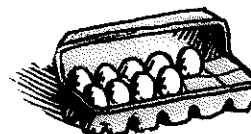
\_\_\_\_\_

24.



\_\_\_\_\_

25.



\_\_\_\_\_

**Practice Set 19**Use with or after  
Lesson 3-7

Write your answers below or on another piece of paper.

Solve. Write a number model.

1. In May Mr. Tong drove his car 1,714 miles. In June, he drove 946 miles. How many miles did he drive in all during those two months?

\_\_\_\_\_

2. The T-shirt Mart sells small, medium, and large T-shirts. There are 342 small T-shirts, 496 medium T-shirts, and 683 large T-shirts in stock. How many more large T-shirts are in stock than small T-shirts?

\_\_\_\_\_

3. Ellen has two pieces of string. One is 143 cm in length. The other is 257 cm in length. What is the difference between the lengths of the two pieces?

\_\_\_\_\_

Solve.

$$\begin{array}{r} 4. \quad 440 \\ \quad 115 \\ + 711 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 79 \\ \quad + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 784 \\ \quad - 426 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 230 \\ \quad * 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 112 \\ \quad * 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 263 \\ \quad 357 \\ + 198 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 4,315 \\ \quad - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 24 \\ \quad - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 78 \\ \quad * 4 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 625 \\ \quad - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 482 \\ \quad * 2 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 96 \\ \quad * 3 \\ \hline \end{array}$$

**Practice Set 19** *continued*Use with or after  
Lesson 3-7

Write your answers below or on another piece of paper.

Write the amounts.

16. (Q) (Q) (Q) (Q) (Q) (D) (D) (N) (N) (N) (P) (P) (P)

\_\_\_\_\_

17. \$1 \$1 (Q) (Q) (Q) (D) (D) (D) (D) (N) (P) (P)

\_\_\_\_\_

18. \$5 \$5 \$5 \$1 (Q) (N) (N) (N)

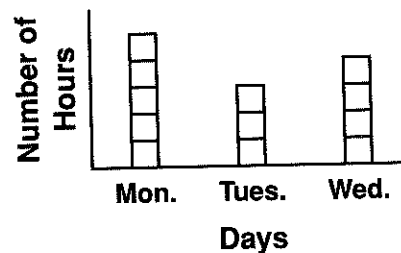
\_\_\_\_\_

19. \$100 \$20 \$20 \$5 \$1 \$1 \$1 (Q)

\_\_\_\_\_

**Solve.**

20. Mrs. Brown's class kept track of the number of hours they spent reading each day. The graph shows the number of hours the students spent reading Monday through Wednesday.



a. How many more hours did they read on Monday than on Tuesday?

\_\_\_\_\_

b. What is the average number of hours they spent reading in a day?

\_\_\_\_\_

c. How many total hours do you think they would read Monday through Friday? Explain.

\_\_\_\_\_

\_\_\_\_\_

# Practice Set 20.

Use with or after  
Lesson 3-9



Write your answers below or on another piece of paper.

For each number sentence, write *T* if it is true, *F* if it is false, or *?* if you can't tell.

1.  $8 * 9 = 76$  \_\_\_\_\_

2.  $5 + 9 < 20$  \_\_\_\_\_

3.  $4 = 64 / 8$  \_\_\_\_\_

4.  $26 + 19 = 7$  \_\_\_\_\_

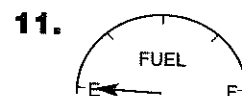
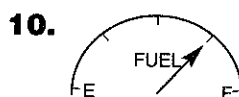
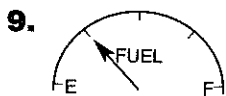
5.  $450 - 119$  \_\_\_\_\_

6.  $18 < 15 + 6$  \_\_\_\_\_

7.  $70 - 21 = 49$  \_\_\_\_\_

8.  $9 * 4 > 36$  \_\_\_\_\_

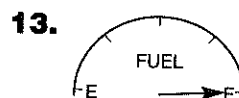
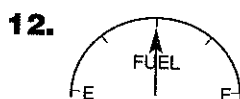
Write a number for each picture below. Use 0 or  $\frac{0}{4}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$  or  $\frac{2}{4}$ ,  $\frac{3}{4}$ , and 1 or  $\frac{4}{4}$ .



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

Solve.

14.  $\begin{array}{r} 47 \\ * 6 \end{array}$

15.  $\begin{array}{r} 63 \\ * 3 \end{array}$

16.  $\begin{array}{r} 214 \\ * 5 \end{array}$

17.  $\begin{array}{r} 703 \\ * 7 \end{array}$



Name \_\_\_\_\_

Date \_\_\_\_\_

Time \_\_\_\_\_

**Practice Set 21**Use with or after  
Lesson 3-10

Write your answers below or on another piece of paper.

Rewrite the number models with parentheses to make them correct.

1.  $6 * 8 - 3 = 45$   
\_\_\_\_\_

2.  $22 = 8 + 3 * 2$   
\_\_\_\_\_

3.  $33 - 15 - 6 = 24$   
\_\_\_\_\_

4.  $54 - 10 + 8 = 52$   
\_\_\_\_\_

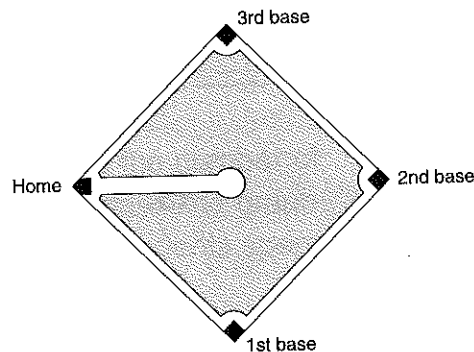
5.  $3 * 8 + 2 * 11 = 46$   
\_\_\_\_\_

6.  $30 = 4 * 6 + 6$   
\_\_\_\_\_

7.  $2 * 2 + 7 * 8 = 60$   
\_\_\_\_\_

8.  $489 = 5 * 25 + 75 - 11$   
\_\_\_\_\_

9. In baseball, the bases on the diamond are placed exactly 90 ft apart.



a. If a batter hits a home run, how many feet does she run? \_\_\_\_\_

b. If there are runners on first and third when a batter hits a home run, what is the

total distance all three players run? \_\_\_\_\_

10. Write the following number in digits: eight thousand, four hundred twenty-one.  
\_\_\_\_\_

11. Write the words for 1,603. \_\_\_\_\_



Write your answers below or on another piece of paper.

Find the solution of each open sentence below. Write a number sentence with the solution in place of the variable.

1.  $x + 8 = 35$   
\_\_\_\_\_

2.  $4t = 24$   
\_\_\_\_\_

3.  $140 + 3 = y$   
\_\_\_\_\_

4.  $s / 7 = 7$   
\_\_\_\_\_

5.  $m - 60 = 200$   
\_\_\_\_\_

6.  $68 + r = 80$   
\_\_\_\_\_

7.  $6x = 42$   
\_\_\_\_\_

8.  $70 / n = 10$   
\_\_\_\_\_

Rewrite the number sentences with parentheses to make them correct.

9.  $204 = 7 * 20 + 75 - 11$   
\_\_\_\_\_

10.  $7 * 9 - 4 = 35$   
\_\_\_\_\_

11.  $42 = 3 + 3 * 7$   
\_\_\_\_\_

12.  $31 - 15 - 6 = 10$   
\_\_\_\_\_

13.  $54 - 10 + 8 = 52$   
\_\_\_\_\_

14.  $7 * 8 + 3 * 11 = 89$   
\_\_\_\_\_

Solve.

15. 
$$\begin{array}{r} 212 \\ * 20 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 785 \\ - 76 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 867 \\ - 74 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 900 \\ + 1,200 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 418 \\ 460 \\ + 454 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 1,034 \\ + 2,349 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 76 \\ * 0 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} 7,210 \\ + 9,188 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} 600 \\ - 599 \\ \hline \end{array}$$

24.  $(60 + 80) * 4 =$  \_\_\_\_\_

25.  $39 - (3 * 4) =$  \_\_\_\_\_

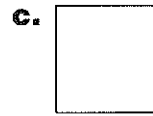
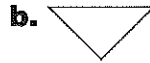
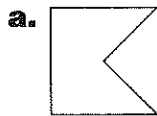
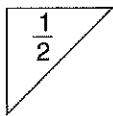
26.  $620 + 150 + 220 =$  \_\_\_\_\_

27.  $(1,800 \div 60) * 5 =$  \_\_\_\_\_

**Practice Set 22** *continued*Use with or after  
Lesson 3-11

Write your answers below or on another piece of paper.

28. The first figure is  $\frac{1}{2}$  of the whole. What fraction of the whole is each of the other figures?

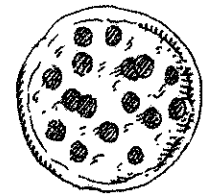


\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

The fourth graders had a pizza party. They ordered pizzas and divided each pizza into 6 equal slices. Twenty-one students, 1 teacher, and 4 parents were invited to the party. The pupils assumed each person would eat one slice of pizza.



29. How many people were invited to the party? \_\_\_\_\_
30. How many slices of pizza did they need? \_\_\_\_\_
31. How many pizzas did the class order? \_\_\_\_\_
32. If everyone ate just one slice, how many slices were left over? \_\_\_\_\_
33. What fraction of a whole pizza is that? \_\_\_\_\_
34. If everyone ate two slices of pizza, how many slices did they need? \_\_\_\_\_
35. How many whole pizzas did the class then need? \_\_\_\_\_
36. What fraction of a whole pizza was left over? \_\_\_\_\_
37. Juana brought 3 granola bars to divide equally among 4 of her friends and herself. What fraction of one granola bar did each person get?

\_\_\_\_\_

