

**Practice Set 21**Use with or after  
Lesson 4-1

Write your answers below or on another piece of paper.

For Problems 1–4, use the diagram to help you find each answer.

1. David has 5 vases. He put 6 flowers in each vase. How many flowers did David put in all of the vases?
- \_\_\_\_\_

2. Sharon bought 4 packs of crackers. Each pack holds 8 crackers. How many crackers did Sharon buy in all?
- \_\_\_\_\_

Units			
Numbers			

3. A meeting room has 5 rows of chairs. Each row has 8 chairs. How many chairs are in all of the rows?
- \_\_\_\_\_

4. Each page of a photo album has 4 rows of pictures. Each row has 3 pictures. How many pictures are on each page of the album?
- \_\_\_\_\_

For Problems 5–17, add or subtract. Then make a ballpark estimate to check that your answer makes sense.

**Unit**

snowballs

5.  $112 + 65 = \underline{\hspace{2cm}}$

6.  $197 - 53 = \underline{\hspace{2cm}}$

7.  $116 + 239 = \underline{\hspace{2cm}}$

8.  $456 - 327 = \underline{\hspace{2cm}}$

9.  $272 + 351 = \underline{\hspace{2cm}}$

10.  $923 - 685 = \underline{\hspace{2cm}}$

11.  $49 + 327 + 22 = \underline{\hspace{2cm}}$

12.  $708 - 349 = \underline{\hspace{2cm}}$

13.  $203 + 75 + 81 = \underline{\hspace{2cm}}$

14. 
$$\begin{array}{r} 152 \\ + 398 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 941 \\ - 621 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 384 \\ - 139 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 516 \\ 225 \\ + 394 \\ \hline \end{array}$$

For Problems 6–9, find the total value of each set of money.

9. 1  5  6  7  \_\_\_\_\_

8. 2  4  3  4  3  \_\_\_\_\_

7. 1  2  7  1  \_\_\_\_\_

6. 3  2  4  \_\_\_\_\_

5. Steve needs 5 inches of ribbon for each puppet that he is making. How many inches of ribbon will he need for 8 puppets?

4. Nancy displays her glass animals in a case with 5 shelves. Nancy puts 4 animals on each shelf. How many animals are in her display case?

3. Sharon bought 3 packs of invitations. Each pack had 8 invitations. How many invitations did Sharon buy in all?

2. 4 pies are cut into 6 pieces each. How many pieces of pie are there in all?

1. Tyler bought 3 boxes of snacks. Each box had 10 bags of snacks. How many bags of snacks did Tyler buy in all?

For Problems 1–5, draw or build an array to help you solve each problem.

Write your answers below or on another piece of paper.



Use with or after  
Lesson 4-2

## Practice Set 22

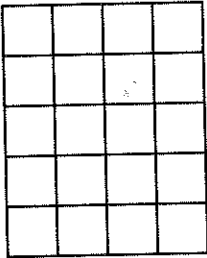
\_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

**Practice Set 22** *continued*Use with or after  
Lesson 4•2

Write your answers below or on another piece of paper.

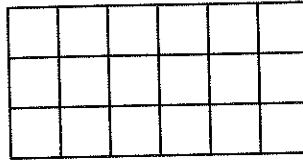
Find the area (A) of each rectangle or square in square units.

10.



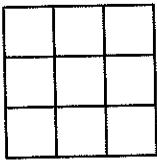
A = \_\_\_\_\_

11.



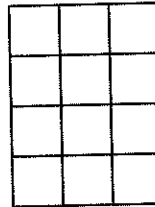
A = \_\_\_\_\_

12.



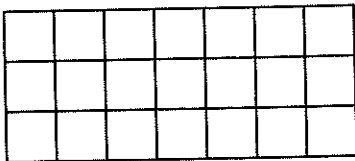
A = \_\_\_\_\_

13.



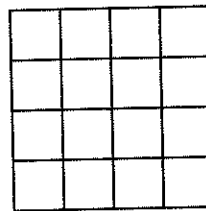
A = \_\_\_\_\_

14.



A = \_\_\_\_\_

15.



A = \_\_\_\_\_

# Practice Set 23

Use with or after  
Lesson 4-3



Write your answers below or on another piece of paper.  
For Problems 1-6, use counters or draw pictures to help you solve the  
division problems.

24 grapes shared equally ...

1. by 3 people

2. by 4 people

3. by 6 people

\_\_\_\_\_ grapes  
per person

\_\_\_\_\_ grapes  
per person

\_\_\_\_\_ grapes  
per person

\_\_\_\_\_ grapes  
left over

\_\_\_\_\_ grapes  
left over

\_\_\_\_\_ grapes  
left over

48 cherries shared equally ...

4. by 6 people

5. by 8 people

6. by 12 people

\_\_\_\_\_ cherries  
per person

\_\_\_\_\_ cherries  
per person

\_\_\_\_\_ cherries  
per person

\_\_\_\_\_ cherries  
left over

\_\_\_\_\_ cherries  
left over

\_\_\_\_\_ cherries  
left over

**Subtract.**

7.  $89 - 67 =$  \_\_\_\_\_     8.  $58 - 23 =$  \_\_\_\_\_     9.  $90 - 36 =$  \_\_\_\_\_

10.  $32 - 18 =$  \_\_\_\_\_     11.  $77 - 56 =$  \_\_\_\_\_     12.  $46 - 21 =$  \_\_\_\_\_

13.  $\begin{array}{r} 73 \\ - 56 \\ \hline \end{array}$

14.  $\begin{array}{r} 53 \\ - 29 \\ \hline \end{array}$

15.  $\begin{array}{r} 62 \\ - 26 \\ \hline \end{array}$

16.  $\begin{array}{r} 63 \\ - 48 \\ \hline \end{array}$

crackerjacks

**Unit**

**Practice Set 24**Use with or after  
Lesson 4-4

Write your answers below or on another piece of paper.

For each problem, write a number model. Then find the missing numbers.

**Example** 31 apples are divided evenly among 6 baskets.  
How many apples are in each basket?

**Number model:**  $31 \div 6 \rightarrow 5 \text{ R}1$

**5 apples are in each basket.**

**1 apple is left over.**

- 1.** 24 bones are shared  
equally among 6 dogs.  
How many bones  
does each dog get?

\_\_\_\_\_  $\div$  \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_ R \_\_\_\_\_

Each dog gets \_\_\_\_\_ bones.

\_\_\_\_\_ bones are left over.

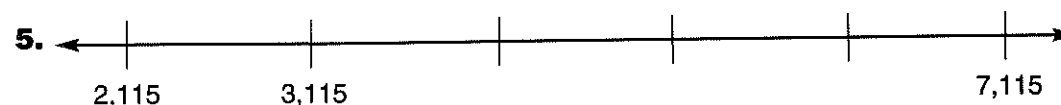
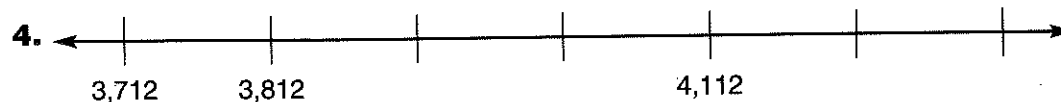
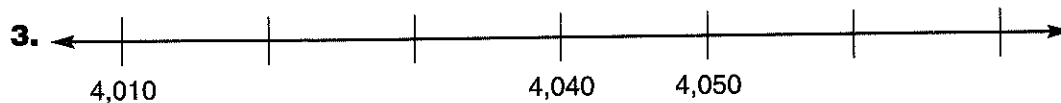
- 2.** Tim has 27 jars of jam.  
He puts 4 jars in each  
box. How many boxes  
does he fill?

\_\_\_\_\_  $\div$  \_\_\_\_\_  $\rightarrow$  \_\_\_\_\_ R \_\_\_\_\_

Tim fills \_\_\_\_\_ boxes.

\_\_\_\_\_ jars are left over.

Find the missing numbers.





Use with or after  
Lesson 4-4

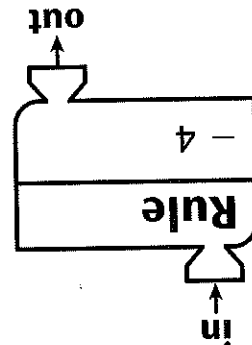
# Practice Set 24 *continued*

Write your answers below or on another piece of paper.

Find the missing numbers.

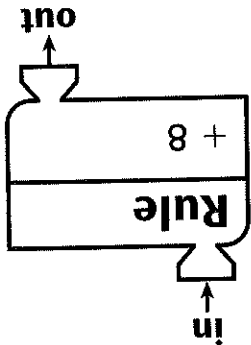
6.

in	out
12	15
14	10
13	13
15	15
21	21



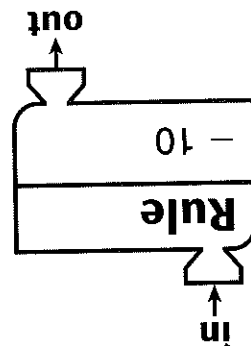
7.

in	out
15	15
12	12
20	20
32	32
40	40



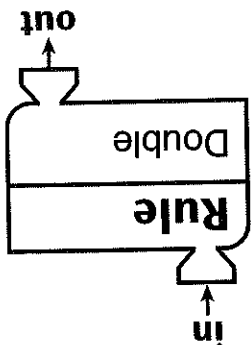
8.

in	out
30	30
27	27
19	19
16	16
50	50



9.

in	out
8	8
14	14
20	20
24	24
50	50



**Practice Set 25**Use with or after  
Lesson 4-5

Write your answers below or on another piece of paper.

Solve each multiplication problem. Then write a turn-around shortcut for each problem.

<b>Example</b> $6 \times 2 = 12$ $2 \times 6 = 12$
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1.  $3 \times 2 =$  \_\_\_\_\_

\_\_\_\_\_

2.  $4 \times 3 =$  \_\_\_\_\_

\_\_\_\_\_

3.  $3 \times 5 =$  \_\_\_\_\_

\_\_\_\_\_

4.  $6 \times 3 =$  \_\_\_\_\_

\_\_\_\_\_

5.  $7 \times 4 =$  \_\_\_\_\_

\_\_\_\_\_

6.  $2 \times 4 =$  \_\_\_\_\_

\_\_\_\_\_

Find each product.

7.  $5 \times 0 =$  \_\_\_\_\_

8.  $7 \times 1 =$  \_\_\_\_\_

9.  $3 \times 1 =$  \_\_\_\_\_

10.  $16 \times 1 =$  \_\_\_\_\_

11.  $0 \times 4 =$  \_\_\_\_\_

12.  $12 \times 0 =$  \_\_\_\_\_

Write each amount with dollars and cents.

<b>Example</b> <span style="border: 1px solid black; padding: 2px;">\$1</span> <span style="border: 1px solid black; padding: 2px;">\$1</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Q</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">D</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">N</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">N</span> \$2.45
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13. \$1 Q Q D D P P P \_\_\_\_\_

14. \$1 \$1 \$1 Q D D N P P \_\_\_\_\_

15. \$10 \$1 D D D D N P \_\_\_\_\_

16. \$1 Q Q Q Q Q D P P P P \_\_\_\_\_

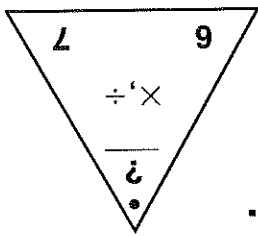
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Missing number: \_\_\_\_\_  
Fact family:



6.

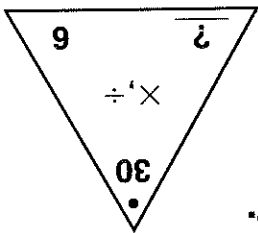
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Missing number: \_\_\_\_\_  
Fact family:



4.

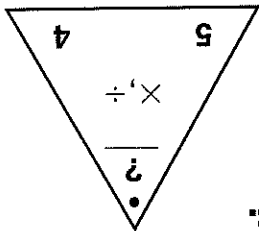
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Missing number: \_\_\_\_\_  
Fact family:



2.

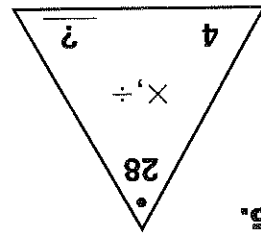
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Missing number: \_\_\_\_\_  
Fact family:



5.

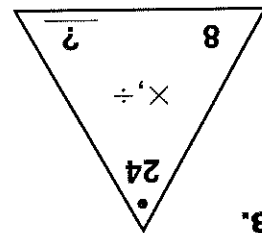
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Missing number: \_\_\_\_\_  
Fact family:



3.

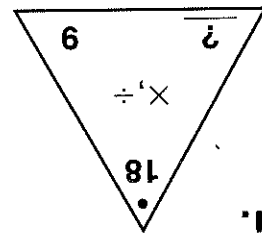
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Missing number: \_\_\_\_\_  
Fact family:



1.

**Example**

Missing number: 5  
Family of facts:  
 $8 \times 5 = 40$   
 $5 \times 8 = 40$   
 $40 \div 8 = 5$   
 $40 \div 5 = 8$

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

Write your answers below or on another piece of paper.

**Practice Set 26**

Use with or after Lesson 4-6

Name \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_



**Practice Set 26** *continued*Use with or after  
Lesson 4-6

Write your answers below or on another piece of paper.

Match each amount of money with an equal amount from the list at right. Then write the letter that identifies that amount.

- |  |                                       |
|--|---------------------------------------|
| 7. fourteen dollars and two cents _____  | A. twelve dollars and forty cents     |
| 8. \$20.14 _____                         | B. \$12.04                            |
| 9. \$41.20 _____                         | C. forty-one dollars and twenty cents |
| 10. \$12.40 _____                        | D. \$1.42                             |
| 11. \$10.42 _____                        | E. twenty dollars and fourteen cents  |
| 12. twelve dollars and four cents _____  | F. ten dollars and forty-two cents    |
| 13. one dollar and forty-two cents _____ | G. \$14.02                            |

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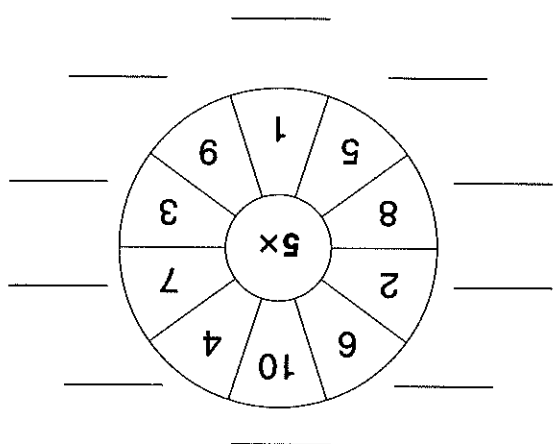
Find the missing numbers. You can use counters or draw pictures.

- |  |  |
|--|--|
| 14. 15 pieces of candy<br>4 children share equally<br><br>_____ pieces per child<br><br>_____ pieces remaining | 15. 12 tennis balls<br>3 balls per can<br><br>_____ filled cans<br><br>_____ balls remaining |
| 16. 14 carrots<br>6 rabbits share equally<br><br>_____ carrots per rabbit<br><br>_____ carrots remaining       | 17. 27 books<br>8 books per box<br><br>_____ filled boxes<br><br>_____ books remaining       |

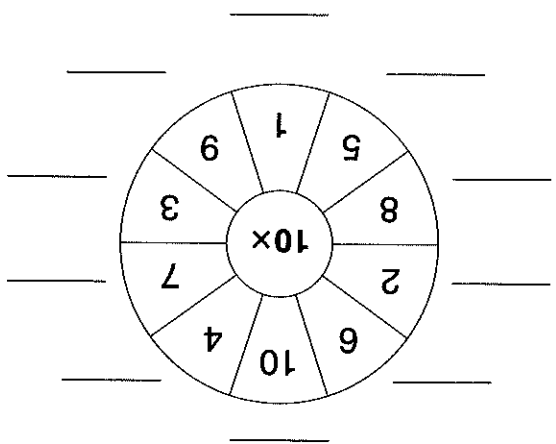
- 10. 58,029
- 11. 6,309
- 12. 3,189
- 7. 8,954
- 8. 42,597
- 9. 9,046
- 4. 796
- 5. 7,514
- 6. 648

Example 5,416 5,000 or 5 thousands

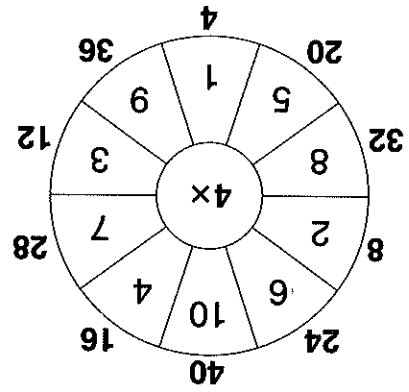
Tell what the underlined digit stands for in each number.



2.



3.



Example

Write your answers below or on another piece of paper. Multiply the number in the center of the circle by each number on the circle. Then write the product outside the circle.

**Practice Set 27**

Use with or after Lesson 4-8

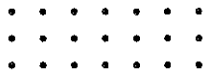


Name \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

**Practice Set 27** *continued*Use with or after  
Lesson 4·8

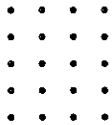
Write your answers below or on another piece of paper.

Write a multiplication fact to find the total number of dots in each array.

**Example**

$3 \times 7 = 21$

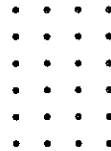
21 total dots

**13.**


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**14.**


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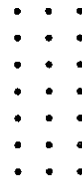
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**15.**


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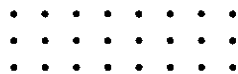
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**16.**


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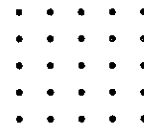
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**17.**


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**18.**


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