

Lesson 1 Division (facts through  $54 \div 6$ )

$$\begin{array}{r} 3 \text{ -----} \rightarrow 3 \\ \times 6 \text{ -----} \rightarrow 6 \overline{) 18} \\ \hline 18 \text{ -----} \uparrow \end{array}$$

$$\begin{array}{r} 4 \text{ -----} \rightarrow 4 \\ \times 6 \text{ -----} \rightarrow 6 \overline{) 24} \\ \hline 24 \text{ -----} \uparrow \end{array}$$

If  $6 \times 3 = 18$ , then  $18 \div 6 = 3$ .If  $6 \times 4 = 24$ , then \_\_\_\_\_  $\div 6 =$  \_\_\_\_\_.

Divide.

*a**b*

1. 
$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$6 \overline{) 12}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$6 \overline{) 6}$$

2. 
$$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$$

$$6 \overline{) 30}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$$

$$6 \overline{) 42}$$

3. 
$$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$$

$$6 \overline{) 48}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$

$$6 \overline{) 54}$$

*a**b**c**d*

4.  $6 \overline{) 6}$

$6 \overline{) 12}$

$6 \overline{) 36}$

$6 \overline{) 18}$

5.  $1 \overline{) 6}$

$6 \overline{) 0}$

$6 \overline{) 24}$

$6 \overline{) 42}$

6.  $6 \overline{) 30}$

$6 \overline{) 54}$

$6 \overline{) 48}$

$5 \overline{) 45}$

7.  $4 \overline{) 32}$

$5 \overline{) 20}$

$4 \overline{) 20}$

$5 \overline{) 30}$

## Lesson 1 Problem Solving

Solve each problem.

1. There are six rows of mailboxes. Each row has the same number of mailboxes. There are 30 mailboxes in all. How many are in each row? **1.**

There are \_\_\_\_\_ mailboxes in all.

The mailboxes are separated into \_\_\_\_\_ rows.

There are \_\_\_\_\_ mailboxes in each row.

2. The movie was shown 12 times in 6 days. It was shown the same number of times each day. How many times was it shown each day? **2.**

The movie was shown \_\_\_\_\_ times in all.

The movie was shown for \_\_\_\_\_ days.

The movie was shown \_\_\_\_\_ times each day.

3. Jill bought 18 buttons. The buttons were on cards of six buttons each. How many cards were there? **3.**

Jill bought \_\_\_\_\_ buttons.

There were \_\_\_\_\_ buttons on a card.

There were \_\_\_\_\_ cards.

4. Spencer got six hits in six games. He got the same number of hits in each game. How many hits did he get in each game? **4.**

Spencer got \_\_\_\_\_ hit in each game.

5. One side of a building has 24 windows. Each floor has six windows on that side. How many floors does the building have? **5.**

The building has \_\_\_\_\_ floors.

## Lesson 2 Division (facts through $64 \div 8$ )

$$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$$

$\xrightarrow{\quad}$   $\xrightarrow{\quad}$   $\xrightarrow{\quad}$   
 $\uparrow$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$$

$\xrightarrow{\quad}$   $\xrightarrow{\quad}$   $\xrightarrow{\quad}$   
 $\uparrow$

If  $7 \times 3 = 21$ , then  $21 \div 7 = 3$ .

If  $8 \times 5 = 40$ , then \_\_\_\_\_  $\div 8 =$  \_\_\_\_\_.

Divide.

- |    | <i>a</i>  |                     | <i>b</i>  |                     |
|----|---|---------------------|---|---------------------|
| 1. | $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$ | $7 \overline{) 14}$ | $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$ | $8 \overline{) 24}$ |
| 2. | $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ | $7 \overline{) 35}$ | $\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$ | $8 \overline{) 32}$ |
| 3. | $\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$ | $7 \overline{) 49}$ | $\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$ | $8 \overline{) 64}$ |
|    | <i>a</i>  | <i>b</i>            | <i>c</i>  | <i>d</i>            |
| 4. | $7 \overline{) 7}$  | $8 \overline{) 0}$  | $8 \overline{) 16}$                                       | $7 \overline{) 28}$ |
| 5. | $8 \overline{) 48}$                                       | $7 \overline{) 42}$ | $8 \overline{) 8}$  | $7 \overline{) 56}$ |
| 6. | $7 \overline{) 0}$  | $8 \overline{) 56}$ | $1 \overline{) 7}$  | $7 \overline{) 63}$ |
| 7. | $1 \overline{) 8}$  | $8 \overline{) 40}$ | $8 \overline{) 72}$                                       | $7 \overline{) 21}$ |

## Lesson 2 Problem Solving

Solve each problem.

1. A classroom has 28 chairs in seven rows. Each row has the same number of chairs. How many chairs are in each row? **1.**

There are \_\_\_\_\_ chairs in the classroom.

The chairs are separated into \_\_\_\_\_ rows.

There are \_\_\_\_\_ chairs in each row.

2. There are 48 chairs around the tables in the library. There are eight chairs for each table. How many tables are in the library? **2.**

There are \_\_\_\_\_ chairs in the library.

There are \_\_\_\_\_ chairs around each table.

There are \_\_\_\_\_ tables in the library.

3. Zane worked the same number of hours each day. He worked 21 h in 7 days. How many hours did he work each day? **3.**

Zane worked \_\_\_\_\_ h each day.

4. There are 16 cars in the parking lot. There are eight cars in each row. How many rows of cars are there? **4.**

There are \_\_\_\_\_ rows of cars.

5. Mr. Miller sold seven cars in seven days. He sold the same number of cars each day. How many did he sell each day? **5.**

Mr. Miller sold \_\_\_\_\_ car each day.

### Lesson 3 Division (facts through $81 \div 9$ )

$$\begin{array}{r} 2 \text{ -----} \rightarrow 2 \\ \times 9 \text{ -----} \rightarrow 9 \overline{) 18} \\ \underline{18} \end{array}$$

$$\begin{array}{r} 7 \text{ -----} \rightarrow 7 \\ \times 9 \text{ -----} \rightarrow 9 \overline{) 63} \\ \underline{63} \end{array}$$

If  $9 \times 2 = 18$ , then  $18 \div 9 = 2$ .

If  $9 \times 7 = 63$ , then \_\_\_\_\_  $\div 9 =$  \_\_\_\_\_.

Divide.

- |    | <i>a</i>  |                     | <i>b</i>  |                     |
|----|---|---------------------|---|---------------------|
| 1. | $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$ | $9 \overline{) 45}$ | $\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$ | $9 \overline{) 27}$ |
| 2. | $\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$ | $9 \overline{) 72}$ | $\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$ | $9 \overline{) 36}$ |
| 3. | $\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$ | $9 \overline{) 54}$ | $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$ | $9 \overline{) 81}$ |

- |    | <i>a</i>            | <i>b</i>            | <i>c</i>            | <i>d</i>            |
|----|---------------------|---------------------|---------------------|---------------------|
| 4. | $9 \overline{) 9}$  | $1 \overline{) 9}$  | $9 \overline{) 18}$ | $9 \overline{) 36}$ |
| 5. | $9 \overline{) 0}$  | $9 \overline{) 72}$ | $9 \overline{) 54}$ | $9 \overline{) 81}$ |
| 6. | $8 \overline{) 72}$ | $9 \overline{) 63}$ | $8 \overline{) 48}$ | $9 \overline{) 45}$ |
| 7. | $9 \overline{) 27}$ | $8 \overline{) 56}$ | $7 \overline{) 63}$ | $7 \overline{) 49}$ |

## Lesson 3 Problem Solving

Solve each problem.

1. A farmer planted 54 cherry trees in nine rows. Each row had the same number of trees. How many trees were in each row? **1.**

A farmer planted \_\_\_\_\_ trees.

There were \_\_\_\_\_ rows of trees.

There were \_\_\_\_\_ trees in each row.

2. Curt put 27 tennis balls in nine cans. He put the same number of balls in each can. How many balls did Curt put in each can? **2.**

Curt put \_\_\_\_\_ tennis balls in cans.

There were \_\_\_\_\_ cans.

He put \_\_\_\_\_ balls in each can.

3. There are nine packs of batteries on a shelf. Each pack has the same number of batteries. There are 36 batteries in all. How many batteries are in each pack? **3.**

There are \_\_\_\_\_ batteries in each pack.

4. There are 18 cornstalks in a garden. There are nine stalks in each row. How many rows of cornstalks are there? **4.**

There are \_\_\_\_\_ rows of cornstalks.

5. Kay had 45 pennies. She put the pennies into stacks of nine pennies each. How many stacks of pennies did she make? **5.**

She made \_\_\_\_\_ stacks of pennies.

**Lesson 4** Division Review

Divide.

*a*

1.  $2\overline{)10}$

2.  $5\overline{)15}$

3.  $2\overline{)18}$

4.  $5\overline{)25}$

5.  $7\overline{)14}$

6.  $9\overline{)18}$

7.  $5\overline{)20}$

8.  $7\overline{)56}$

9.  $4\overline{)28}$

10.  $8\overline{)64}$

*b*

3.  $3\overline{)18}$

8.  $8\overline{)16}$

3.  $3\overline{)24}$

4.  $4\overline{)32}$

3.  $3\overline{)15}$

6.  $6\overline{)12}$

4.  $4\overline{)12}$

3.  $3\overline{)21}$

9.  $9\overline{)45}$

9.  $9\overline{)54}$

*c*

4.  $4\overline{)4}$

6.  $6\overline{)24}$

7.  $7\overline{)35}$

9.  $9\overline{)27}$

8.  $8\overline{)8}$

3.  $3\overline{)12}$

2.  $2\overline{)6}$

8.  $8\overline{)40}$

7.  $7\overline{)49}$

8.  $8\overline{)48}$

*d*

1.  $1\overline{)8}$

7.  $7\overline{)42}$

9.  $9\overline{)0}$

6.  $6\overline{)36}$

2.  $2\overline{)16}$

8.  $8\overline{)24}$

5.  $5\overline{)10}$

6.  $6\overline{)30}$

9.  $9\overline{)72}$

9.  $9\overline{)81}$

## Lesson 4 Problem Solving



Solve each problem.

1. Olivia has 42 apples. She puts six apples in a package. How many packages will she have? **1.**

Olivia has \_\_\_\_\_ apples.

She puts \_\_\_\_\_ apples in each package.

There will be \_\_\_\_\_ packages of apples.

2. Olivia has 63 peaches. She puts seven peaches in a package. How many packages will she have? **2.**

Olivia has \_\_\_\_\_ peaches.

Each package will have \_\_\_\_\_ peaches.

There will be \_\_\_\_\_ packages of peaches.

3. There are eight packages of pears. Each package has the same number of pears. There are 64 pears in all. How many pears are in each package? **3.**

There are \_\_\_\_\_ pears in all.

There are \_\_\_\_\_ packages of pears.

There are \_\_\_\_\_ pears in each package.



**CHAPTER 12 PRACTICE TEST****Division (basic facts through  $81 \div 9$ )**

Divide.

- | <i>a</i>              | <i>b</i>           | <i>c</i>           | <i>d</i>           | <i>e</i>           |
|-----------------------|--------------------|--------------------|--------------------|--------------------|
| 1. $6 \overline{)12}$ | $7 \overline{)7}$  | $8 \overline{)24}$ | $6 \overline{)36}$ | $9 \overline{)0}$  |
| 2. $7 \overline{)14}$ | $9 \overline{)45}$ | $6 \overline{)42}$ | $8 \overline{)32}$ | $1 \overline{)9}$  |
| 3. $6 \overline{)48}$ | $7 \overline{)21}$ | $8 \overline{)40}$ | $9 \overline{)18}$ | $8 \overline{)72}$ |
| 4. $8 \overline{)64}$ | $9 \overline{)81}$ | $7 \overline{)56}$ | $6 \overline{)54}$ | $6 \overline{)18}$ |
| 5. $6 \overline{)30}$ | $7 \overline{)28}$ | $9 \overline{)72}$ | $7 \overline{)63}$ | $8 \overline{)48}$ |

Solve each problem.

- 6.** A classroom has 24 desks. They are in six rows. There is the same number of desks in each row. How many desks are in each row?

There are \_\_\_\_\_ desks in all.

There are \_\_\_\_\_ rows with the same number of desks in each row.

There are \_\_\_\_\_ desks in each row.

- 7.** Kyle put 24 biscuits on a tray. He put eight biscuits in each row. How many rows were there?

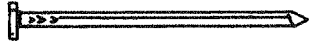
There were \_\_\_\_\_ rows.

# CHAPTER 13 PRETEST

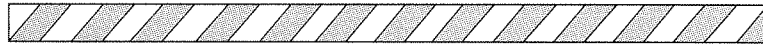
## Metric Measurement

Find the length of each object to the nearest centimetre (cm).

1. \_\_\_\_\_ cm



2. \_\_\_\_\_ cm



3. \_\_\_\_\_ cm



4. \_\_\_\_\_ cm




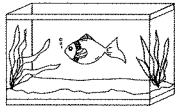
5. \_\_\_\_\_ cm




How many litres (L) would each container hold?  
Circle the best answer.

CHAPTER 13

6.  *a*  
 1 L  
 10 L  
 50 L

- b*  
  
 1 L  
 5 L  
 50 L

- c*  
  
 4 L  
 16 L  
 80 L

Solve.

7. A truck can go 6 km on a litre of gasoline. The truck has a tank that holds 85 L. How far can the truck go on a full tank of gasoline?

7.

The truck can go \_\_\_\_\_ km.