Name: _____ Date: _____

CHAPTER 5 Multiplication and Division

Worksheet 1   How to Multiply

Find the missing numbers.

1.

A ladybug has _____ legs.

_____ + _____ + _____ = _____

3 _____ = _____

3 ladybugs have _____ legs.

2.

4 threes = _____ + _____ + _____ + _____

= _____

4 groups of _____ = _____

There are _____ strawberries in all.

Find the missing numbers.

— Example —
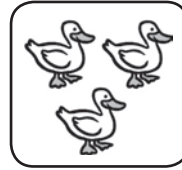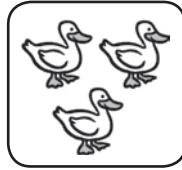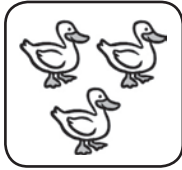
There are 3 groups.

There are _____3_____ ducks in each group.

> Use **repeated addition** to find the number of ducks.

_____3_____ + _____3_____ + _____3_____ = _____9_____

> **Multiply** to find the number of ducks.

3 × _____3_____ = _____9_____   ← **multiplication sentence**

There are _____9_____ ducks in all.

> **× is read as times.
> It means to multiply,
> or to put all the equal groups together.**

3.
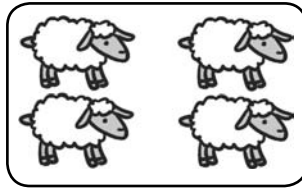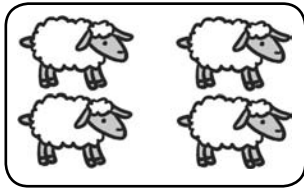
There are 2 groups.

There are _____ sheep in each group.

Use repeated addition to find the number of sheep.

_____ + _____ = _____

Multiply to find the number of sheep.

2 × _____ = _____

There are _____ sheep in all.

4.
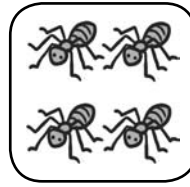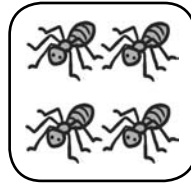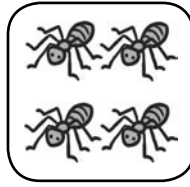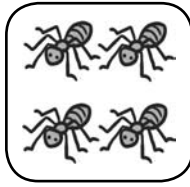
There are _____ groups.

There are _____ ants in each group.

Use repeated addition to find the number of ants.

_____ + _____ + _____ + _____ = _____

Multiply to find the number of ants.

$4 \times$ _____ = _____

There are _____ ants in all.

Tell a multiplication story.

Example
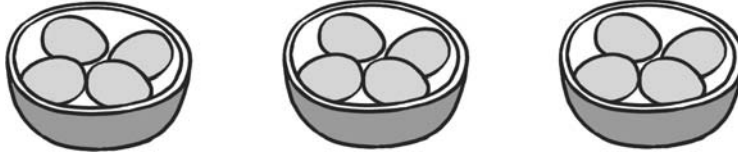
There are 3 bowls of eggs.

Each bowl has ____4____ eggs.

3 × ____4____ = ____12____

There are ____12____ eggs.

5.
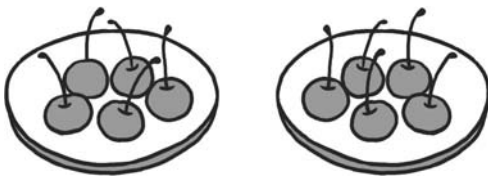
There are 2 plates of cherries.

Each plate has _____ cherries.

2 × _____ = _____

There are _____ cherries.

6.
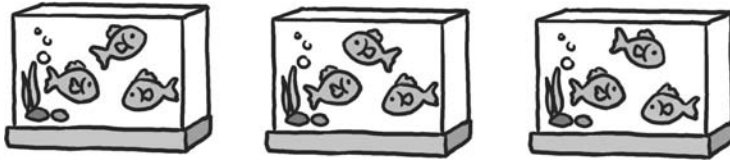
There are 3 tanks of fish.

Each tank has _____ fish.

$3 \times$ _____ = _____

There are _____ fish.

Worksheet 2   Sharing Equally

Circle equal groups. Then fill in the blank.

1.
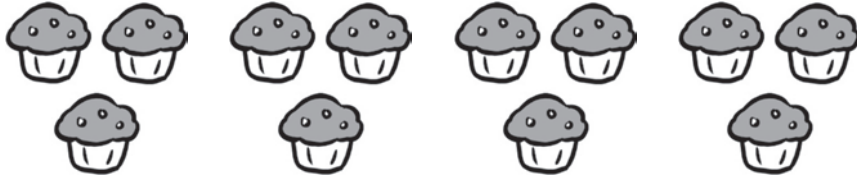
Share 12 muffins equally among 4 children.

Each child gets _____ muffins.

2.

Share 16 pears equally among 4 baskets.

Each basket has _____ pears.

3.

Put 6 tomatoes into groups of 2.

There are _____ groups of 2 tomatoes.

4.

Put 20 peaches into groups of 4.

There are _____ groups of 4 peaches.

Find the missing numbers.

Example

Francis has 18 erasers.

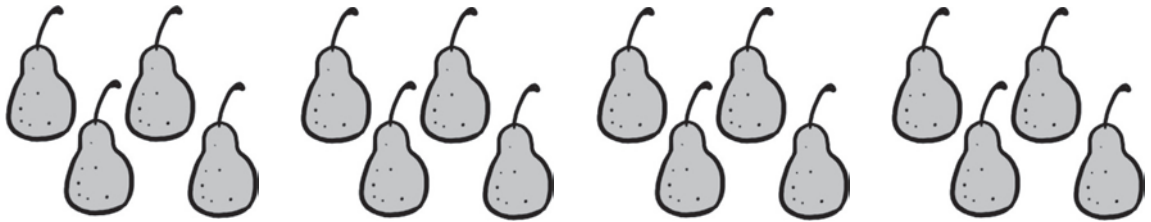He gives an equal number of erasers to each of his 3 sisters.

How many erasers does each sister get?

$18 \div 3 = \underline{6}$ ← division sentence

Each sister gets __6__ erasers.

÷ **is read as divided by, and stands for division.**

5. Mrs. Perry has 15 marbles.

She gives an equal number of marbles to each of her 5 children.

How many marbles does each child get?

$15 \div 5 = \underline{}$

Each child gets _____ marbles.

Solve.

┌─ **Example** ───┐

Brandi has 4 flowers.

She wants to give 2 flowers to each of her friends.

How many friends get flowers from her?

First, she gives 2 flowers to Pierre.

$4 - 2 = 2$

She has 2 flowers left.

Then, she gives 2 flowers to Jordan.

$2 - 2 = 0$

She has 0 flowers left.

> Use **repeated subtraction** to find the number of friends.

$4 - 2 - 2 = \underline{\quad 0 \quad}$

> **Divide** to find the number of friends.

$4 \div 2 = \underline{\quad 2 \quad}$

$\underline{\quad 2 \quad}$ friends get flowers from her.

└──┘

6.   Mandy has 4 toy cars.

She wants to give 2 toy cars to each of her friends.

How many friends get toy cars from her?

First, she gives 2 toy cars to Jack.

4 − 2 = 2

She has 2 toy cars left.

Then, she gives 2 toy cars to Sean.

2 − 2 = 0

She has 0 toy cars left.

Use repeated subtraction to find the number of friends.

4 − 2 − 2 = _____

Divide to find the number of friends.

4 ÷ 2 = _____

_____ friends get toy cars from her.

7. Samuel has 12 crayons.
He wants to give 4 crayons to each of his cousins.
How many cousins get crayons from him?

_____ – _____ – _____ – _____ = 0

_____ ÷ _____ = _____

_____ cousins get crayons from him.

Worksheet 3   Real-World Problems: Multiplication and Division

Solve.
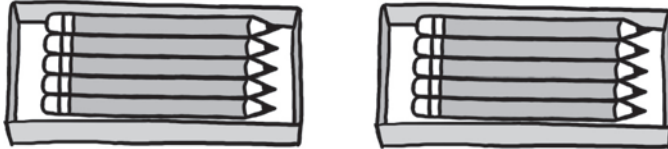
> **Example**
>
>
>
> Fredrick has 2 pencil cases.
> There are 5 pencils in each pencil case.
> How many pencils does Fredrick have?
>
> _____2_____ × _____5_____ = _____10_____
>
> Fredrick has _____10_____ pencils.

1.
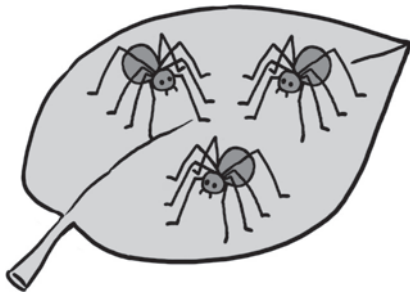
There are 3 spiders on a leaf.
There are 8 legs on each spider.
How many legs are there in all?

_____ × _____ = _____

There are _____ legs in all.

Solve.

Example

The teacher has 8 balloons.
He divides them equally among 4 children.
How many balloons does each child get?

_____8_____ ÷ _____4_____ = _____2_____

Each child gets ____2____ balloons.

2.
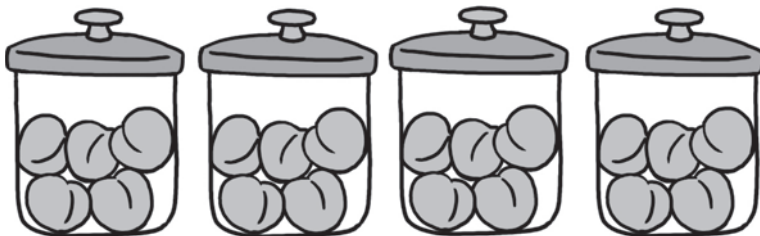
Maria has 20 apricots.
She puts 5 apricots in each glass jar.
How many glass jars are there?

_____ ÷ _____ = _____

There are _____ glass jars.