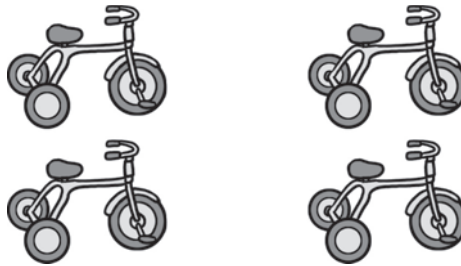# CHAPTER 5 Multiplication and Division

Lesson 1 How to Multiply

Look at the pictures.
Fill in the blanks.

1. A tricycle has 3 wheels.
How many wheels do 4 tricycles have?

4 threes = _____   4 × 3 = _____

4 tricycles have _____ wheels.

2. There are 5 stars on each card.
How many stars are there on 10 cards?

10 fives = _____   10 × 5 = _____

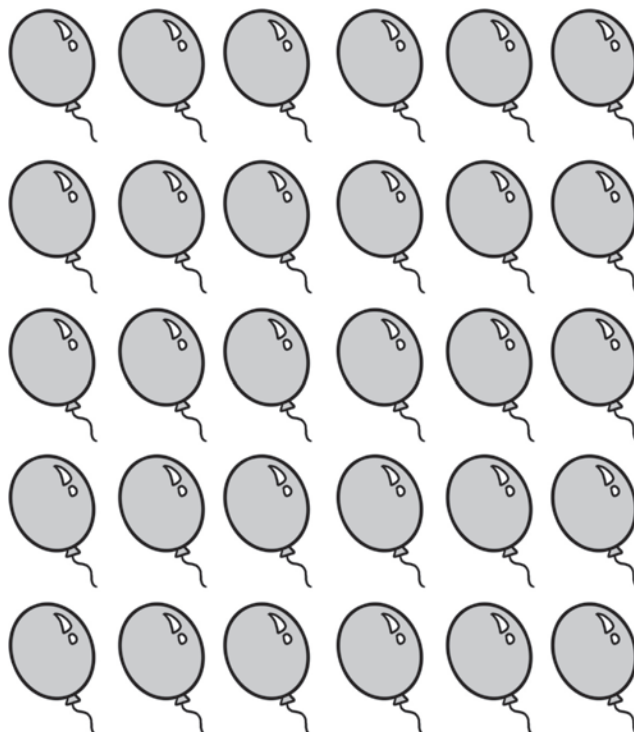There are _____ stars on 10 cards.

Count and add the number of balloons in each line.
Then multiply.

3.

$6 + 6 + 6 + 6 + 6 =$ _____

_____ $\times 6 =$ _____

> You can use repeated addition or multiplication to find the total number of things that are in equal groups.

**Look at the addition and multiplication sentences.
Fill in the blanks.**

4.   8 + 8 + 8 + 8 = 32
          4 × 8 = 32

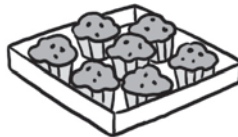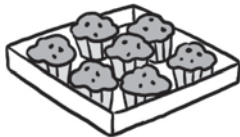
Twyla has _____ groups of apples.

Each group has _____ apples.

There are _____ apples in all.

5.   7 + 7 + 7 = 21
          3 × 7 = 21

Louis has _____ groups of muffins.

Each group has _____ muffins.

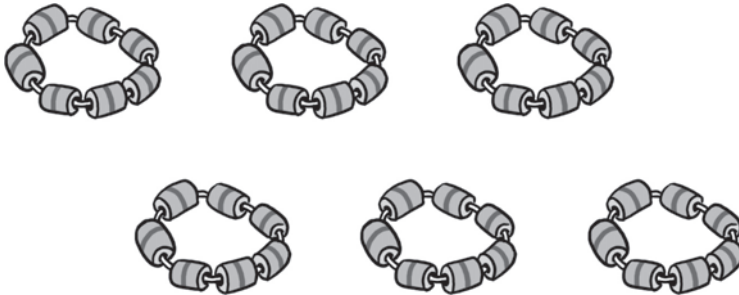There are _____ muffins in all.

Write the multiplication sentences.
Fill in the blanks.

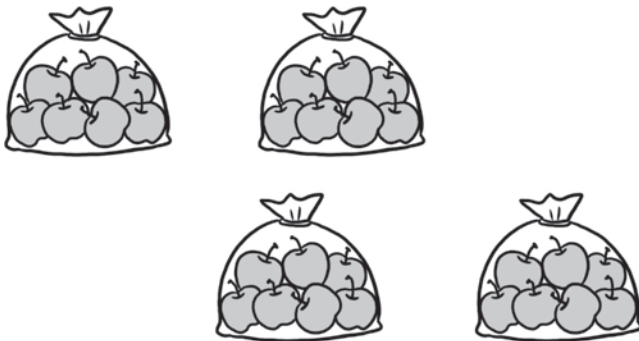**6.**   Vicky has 6 bracelets.
Each bracelet has 7 beads.

_____ × _____ = _____

There are _____ beads in all.

7.   Alex bought 4 bags of apples.
Each bag has 7 apples.

_____ × _____ = _____

There are _____ apples in all.

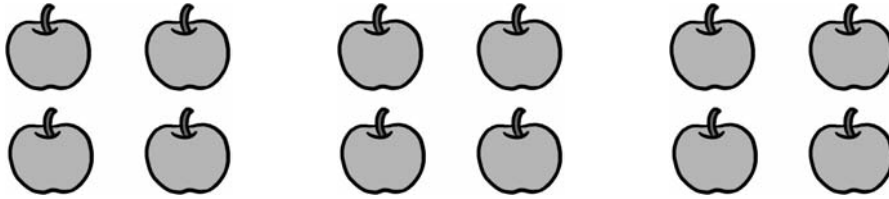# Lesson 2   How to Divide

Find the number of items in each group.

1.   Divide 12 apples into 3 equal groups.

12 ÷ _____ = _____

There are _____ apples in each group.

2.   Divide 20 flowers into 5 equal groups.

20 ÷ _____ = _____
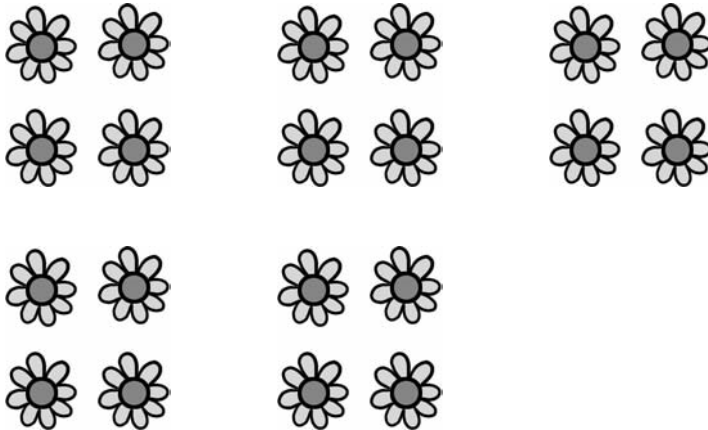
There are _____ flowers in each group.

Find the number of groups.

3.   Divide 16 crackers into groups of 4.

16 ÷ _____ = _____
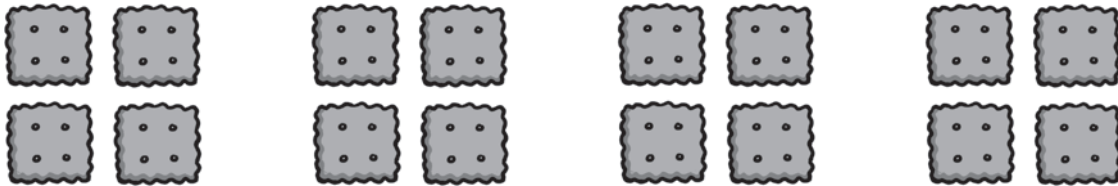
There are _____ groups of 4 crackers.

4.   Divide 18 chicks into groups of 6.
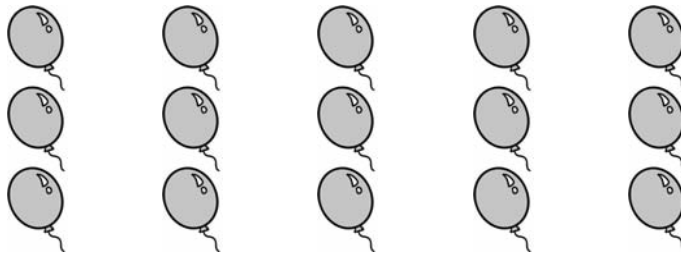

18 ÷ _____ = _____
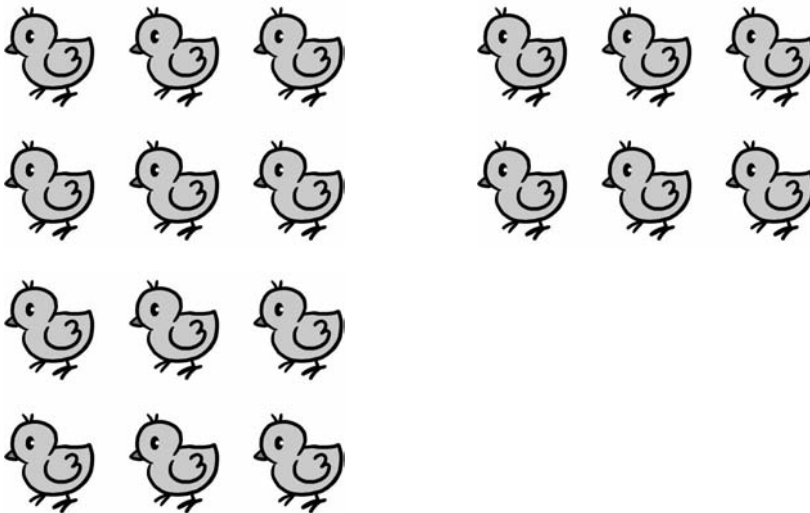
There are _____ groups of 6 chicks.

Name: _____ Date: _____

Solve.
Use repeated subtraction to divide.

5. Divide 15 balloons so there are 3 in each group.

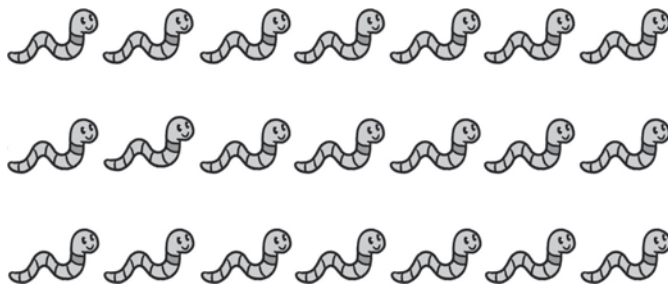Subtract groups of 3 until there is nothing left.

$15 - 3 -$ _____ $-$ _____ $-$ _____ $-$ _____ $= 0$

$15 \div 3 =$ _____

There are _____ groups.

6. Divide 21 worms so that each bird gets 7 worms.

Subtract groups of 7 until there is nothing left.

$21 - 7 -$ _____ $-$ _____ $= 0$

$21 \div 3 =$ _____

There are _____ groups of 7 worms.

Solve.
Use repeated subtraction to divide.

7. Divide 18 strawberries into groups of 9.

18 – _____ – _____ = 0

18 ÷ 9 = _____

There are _____ groups of 9 strawberries.

8. Divide 14 avocados into groups of 2.

14 – _____ – _____ – _____ – _____ –

_____ – _____ – _____ = 0

14 ÷ 2 = _____

There are _____ groups of 2 avocados.

Lesson 3   Real-World Problems: Multiplication and Division

Solve.

1.   Felix has 3 fish bowls.
Each bowl has 4 goldfish.
How many goldfish does Felix have?

$4 + 4 + 4 =$ _____

$3 \times 4 =$ _____

Felix has _____ goldfish.

2.   I have 4 oranges.
Each orange has 8 slices.
How many slices do I have?

$8 + 8 + 8 + 8 =$ _____

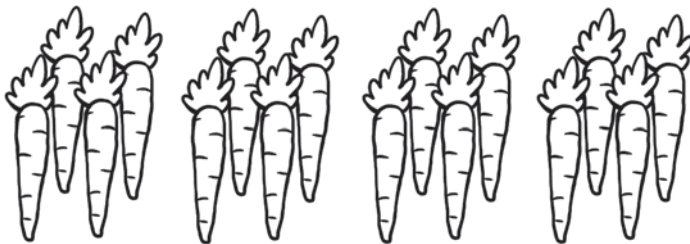$4 \times 8 =$ _____

I have _____ slices.

Solve.

3. There are 3 monkeys at the zoo.
Sandra has 9 bananas to feed the monkeys.
She gives each monkey an equal number of bananas.
How many bananas does each monkey get?

_____ ÷ _____ = _____

Each monkey gets _____ bananas.

4. Nathan has 16 carrots.
He gives 4 carrots to each of his pet rabbits.
How many pet rabbits does he have?

_____ ÷ _____ = _____

Nathan has _____ pet rabbits.

Put on Your Thinking Cap!
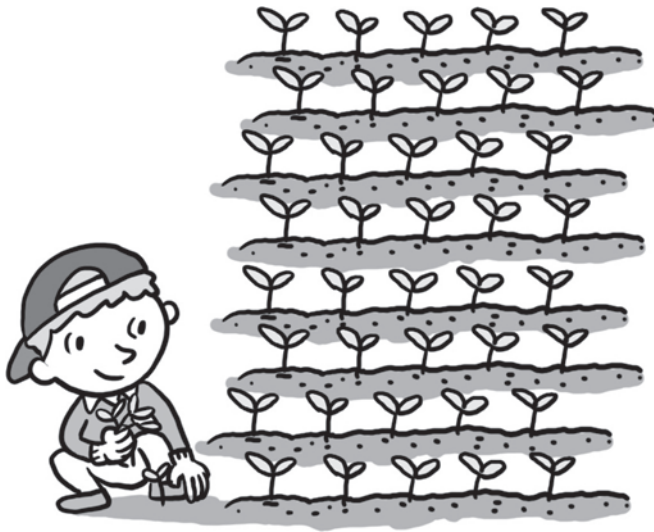
1. Danny has 42 saplings.
   He plants them equally in 8 rows.
   How many saplings are left over?

_____ saplings are left over.

2. Fill in the blanks.

🐝 🐝 🐝 = 15

🦋 🦋 🦋 + 🐝 🐝 🐝 = 27

🦋 🦋 🦋 = _____

🦋 = _____

🐝 = _____

🦋 + 🐝 = _____

🦋 🦋 + 🐝 🐝 = _____