

Name: _____

Mark: _____

10. Meaning of Division

A. Visual Learning

How many are in each group?

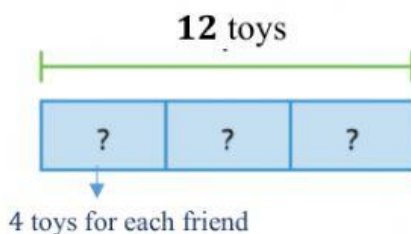
Three friends have 12 toys to share equally.
How many toys will each friend get?



You can use
division equations to find
the number in each group.



The bar diagram:



Each friend will get 4 toys.

Write a division equation.

$$12 \div 3 = 4$$

↑ ↑ ↑
Total Number of Number in
 equal groups each group

12 ÷ 3 is read as
"twelve divided
by three."



Another Example

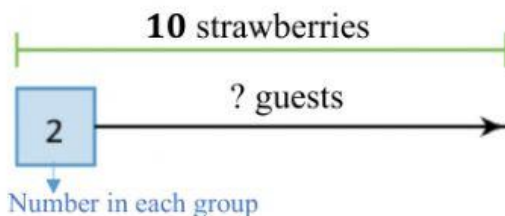
Jack has 10 strawberries to serve to his guests.

If each guest eats 2 strawberries, how many guests can he serve?



You can use
division to find
the number of
equal groups.

The bar diagram:



He can serve 5 guests.

Write a division equation.

$$10 \div 2 = 5$$

↑ ↑ ↑
Total Number in Number of
 each group equal groups



B. Vocabulary

division: _____

share equally: _____

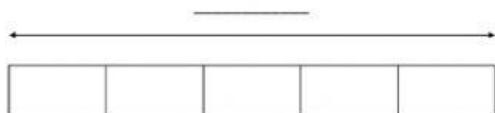
C. Independent Practice

In 1 – 4, complete a bar diagram to solve.

1. Divide 15 counters into 5 equal groups.

How many counters are in each group?

Complete a bar diagram.



$$15 \div 5 = \underline{\hspace{2cm}}$$

2. Divide 15 counters into groups of 5.

How many groups are there?

Complete a bar diagram.



$$15 \div 5 = \underline{\hspace{2cm}}$$

3. Divide 12 counters into 2 equal groups.

How many counters are in each group?

Complete a bar diagram.

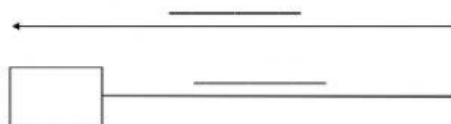


$$12 \div 2 = \underline{\hspace{2cm}}$$

4. Divide 12 counters into groups of 2.

How many groups are there?

Complete a bar diagram.



$$12 \div 2 = \underline{\hspace{2cm}}$$

5. Maya has 14 erasers. She gives each of her friends 2 erasers.

How many friends does Maya give erasers to?



• Find? _____ _____ _____	• Complete a bar diagram.	• Write an equation and word answer. _____ _____ _____
---	----------------------------------	--

6. Write a division problem represented by the bar diagram below.

