

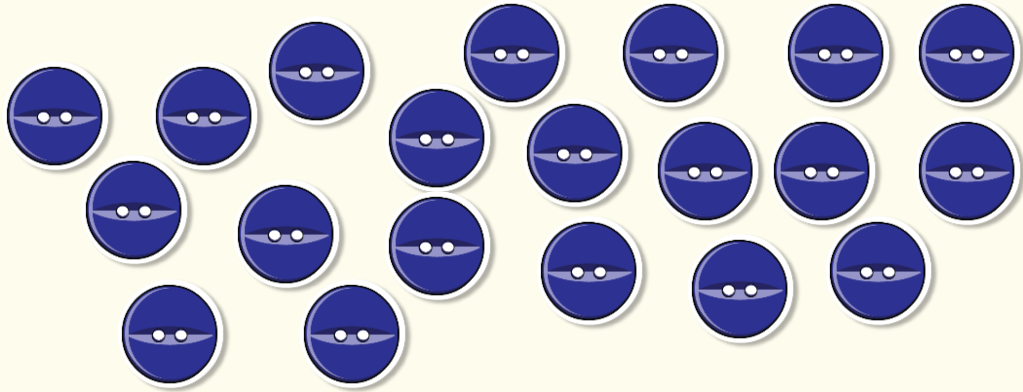


## Support Slides

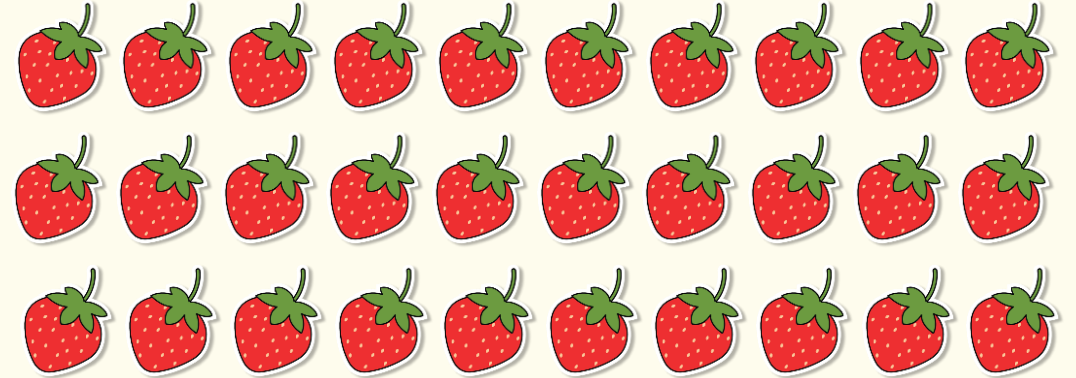
The following slides are based on Year 1 Multiplication and Division – Make equal groups by grouping

To make equal groups by grouping

How many equal groups of 5 buttons can you make?



How many equal groups of 10 strawberries can you make?

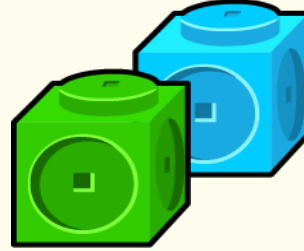


Answers

To make equal groups by grouping

Take 20 cubes.

Complete the sentences:



I can make \_\_\_\_\_ equal groups of 2.

I can make \_\_\_\_\_ equal groups of 5.

I can make \_\_\_\_\_ equal groups of 10.

What would happen if there were 21 cubes?

Answers



THIRD SPACE  
LEARNING

# To make equal groups by grouping

## Success Criteria

- I can make equal groups from a set of objects
- I know that division is making equal groups
- I know that counting equal groups is multiplication or repeated addition

To make equal groups by grouping

**Starter:**

The Mathstronauts are sharing this collections of coins.

**How many coins will each Mathstronaut get?**

**How do you know?**



White



Red



Purple



Yellow

Answers

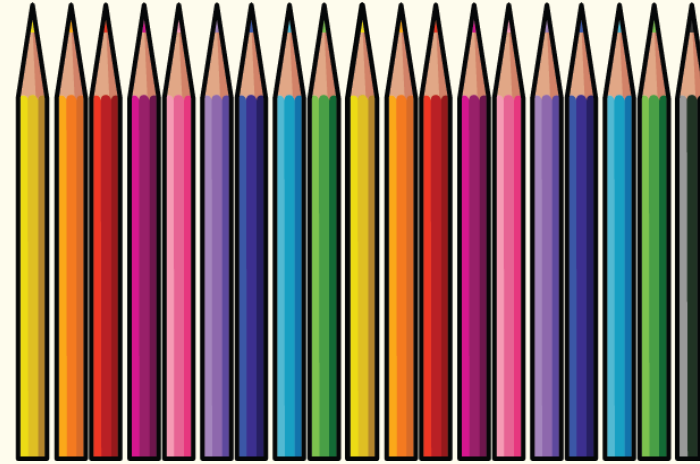
## To make equal groups by grouping

Pencils come in packs of 20.

We need to put 4 in each pot.

**How many pots will we need?**

Complete the sentence stems.



There are \_\_\_\_\_ pencils altogether.

There are \_\_\_\_\_ pencils in each pot.

There are \_\_\_\_\_ pots.



Answers

To make equal groups by grouping

**Guided Practice:**

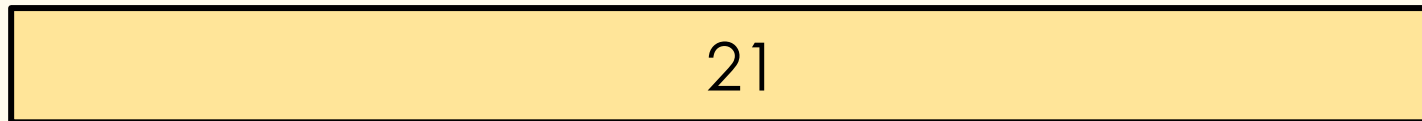
Rosie has 21 sweets.

She puts 3 sweets in each bag.

**How many bags can she fill?**



$$\boxed{21} \div \boxed{3} = \boxed{\phantom{00}} \quad \boxed{21} \div \boxed{\phantom{00}} = \boxed{3}$$

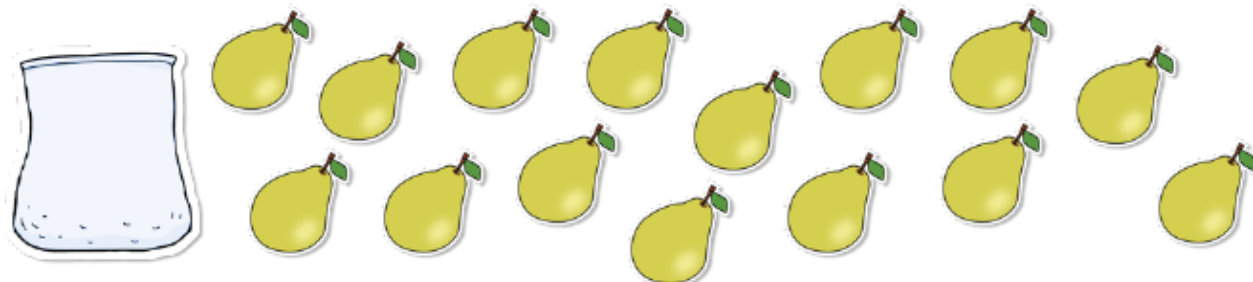


Answers

To make equal groups by grouping

**Independent Practice:**

- 1. a.** There are 15 pears. Charlie puts 5 in a bag. How many bags will he fill?



Use the groups to complete these calculations.

$$15 \div 5 = \underline{\quad}$$

$$15 \div \underline{\quad} = 5$$

- b.** Draw 18 eggs and then sort them into equal groups of three.

Use the groups to complete these calculations.

$$18 \div \underline{\quad} = 3$$

$$\underline{\quad} \times 3 = 18$$



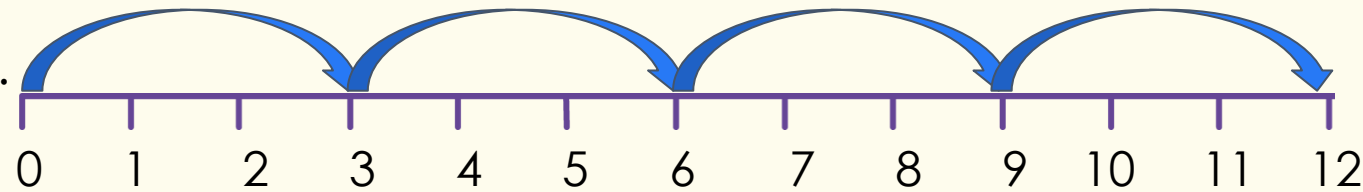
## To make equal groups by grouping

### Guided Practice:

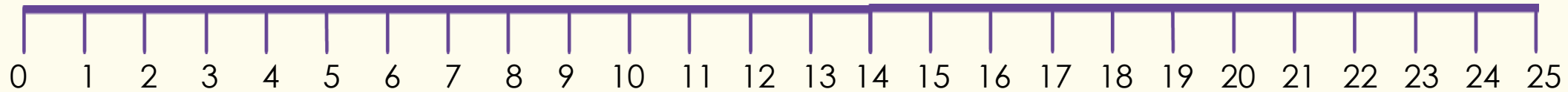
The Red Mathstronaut uses a number line to work out how many equal groups of 3 he can make from 12.

He can make 4 groups of 3.

$$12 \div 3 = 4$$



Can you use a number line to work out how many groups of 5 you can make from 25?

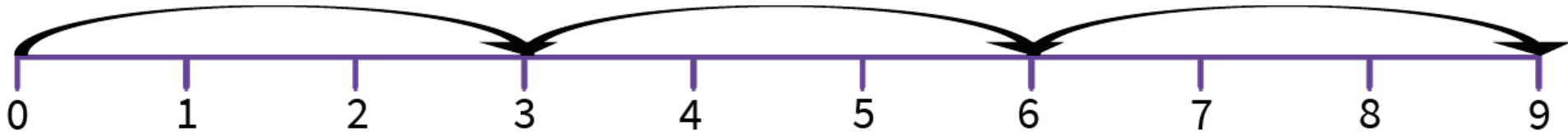


Answers

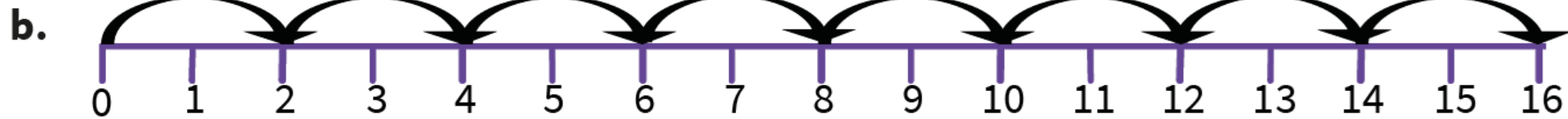
To make equal groups by grouping

**Independent Practice:**

**2. a.** Use the number lines to help fill in the calculation.

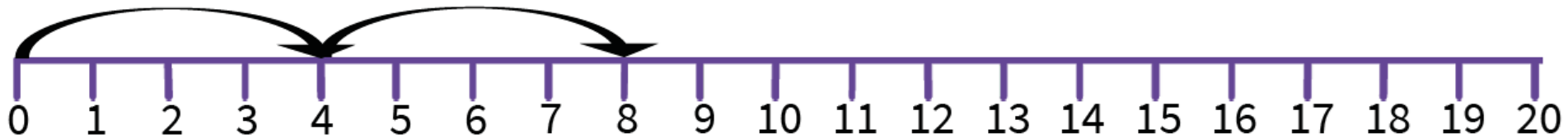


\_\_\_\_\_ ÷ 3 = \_\_\_\_\_



\_\_\_\_\_ ÷ 2 = \_\_\_\_\_

**c.** Complete the arrows to show the groups on the number line and then fill in the calculation.



\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

To make equal groups by grouping

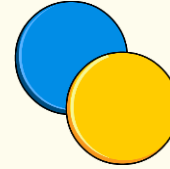
**Guided Practice:**

The Yellow Mathstronauts has some counters. He makes 5 equal groups.

The amount he started with is greater than 10 but less than 35.

**How many counters could he have started with?**

How many will be in each group?



Answers

To make equal groups by grouping

**Independent Practice:**

**3.** You have 30 counters. How many different ways can you put them into equal groups?

Write down all the possible ways.

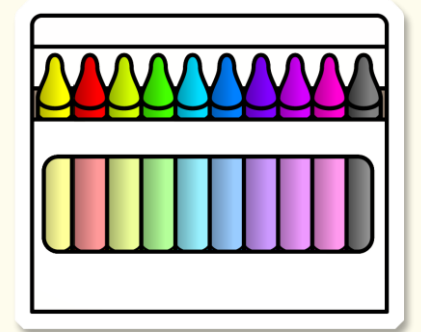
To make equal groups by grouping

**Let's Reflect:**

Crayons come in packs of 10.

**Can you show how many packs there would be if there were 40 crayons altogether?**

Can you show this on a bar model and a number line?



Answers