

# **Division Word Problems**

**Rounding up or  
rounding down.**

# One-Step Division Word Problem:

## Exact Answer

A group of 48 children is divided into groups of 6 children.  
How many groups will be formed?



$$48 \div 6 = 8$$

There will be 8 groups.

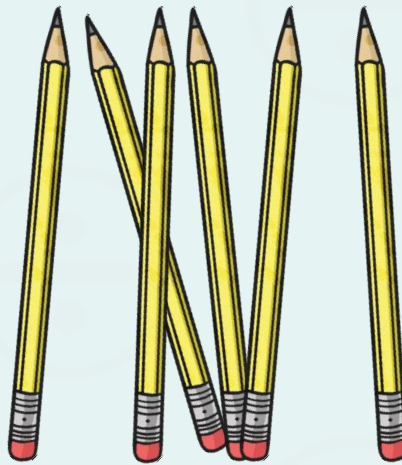
## One-Step Division Word Problem:

Remainder Not Used.

These problems are often called Rounding Down problems.

A pot holds 6 pencils.

How many full pots can be made from 51 pencils?



$$51 \div 6 = 8 \text{ r}3$$

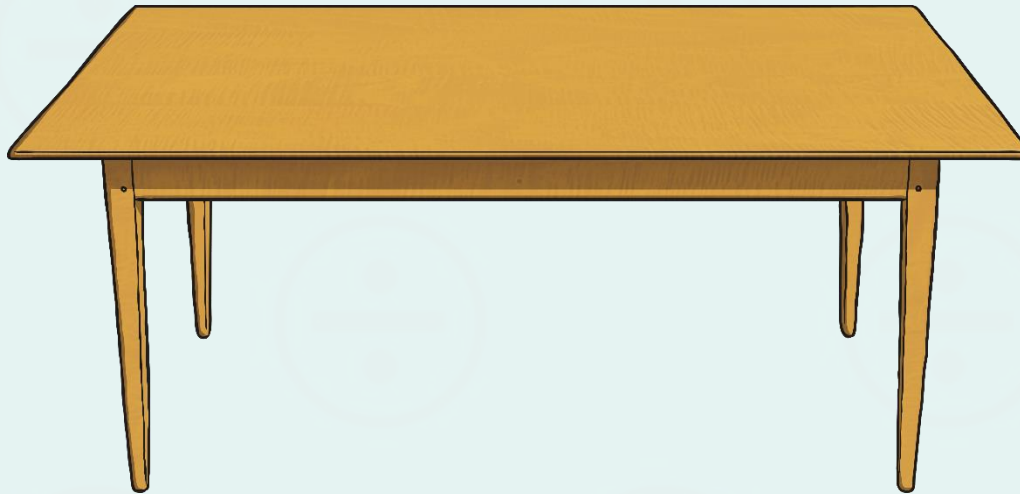
The remainder is not used.

8 pots will be filled with 6 pencils.

## One-Step Division Word Problem:

Remainder Used. These problems are often called Rounding up problems.

A table seats groups of 6 children.  
How many tables are needed for 45 children?



$$45 \div 6 = 7 \text{ r}3$$

The remaining children need a table.  
8 tables are needed.

## Here is another division problem

There are 88 children going on a trip. Each tent will house 5 children. How many tents will be needed for all the children?

The division calculation is :

$$88 \div 5 = 17 \text{ r } 3$$

**This means there needs to be 18 tents for all the children. The last tent will have only 3 children.**

## Here is another division problem

There are 88 eggs in the shop. The eggs are placed in packets of 6. How many complete boxes will be made?

The division calculation is :

$$88 \div 6 = 14 \text{ r } 4$$

**This means there will be 14 complete boxes. There will be 3 eggs left over.**

# Activity

Now complete the activity on rounding up and rounding down.

Choose the section you feel most confident completing.

Section A = Mild

Section B = Medium

Section C = Spicy

