

2 Addition Without Renaming

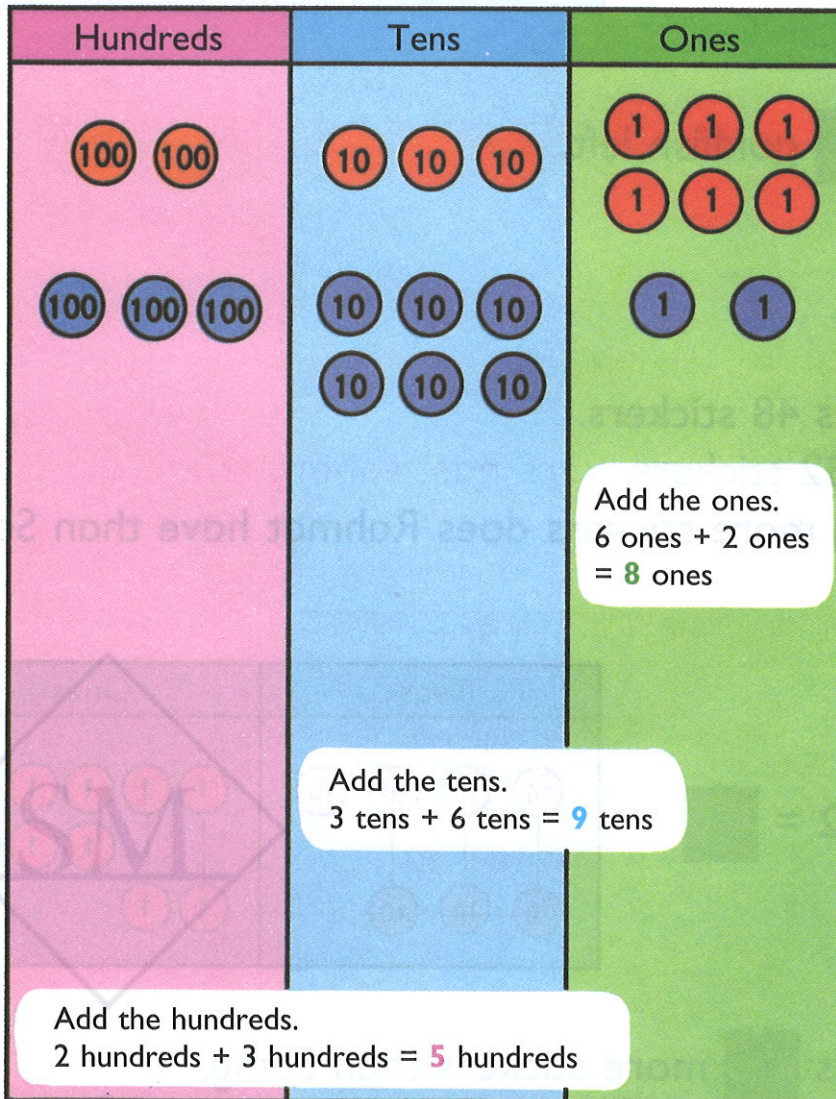
There are 236 boys and 362 girls.
How many children are there?

$$236 + 362 = \boxed{}$$

There are $\boxed{}$ children.

We can add like this:

	H	T	O
	2	3	6
+	3	6	2
	5	9	8



$$\begin{array}{r} 236 \\ + 362 \\ \hline 8 \end{array}$$



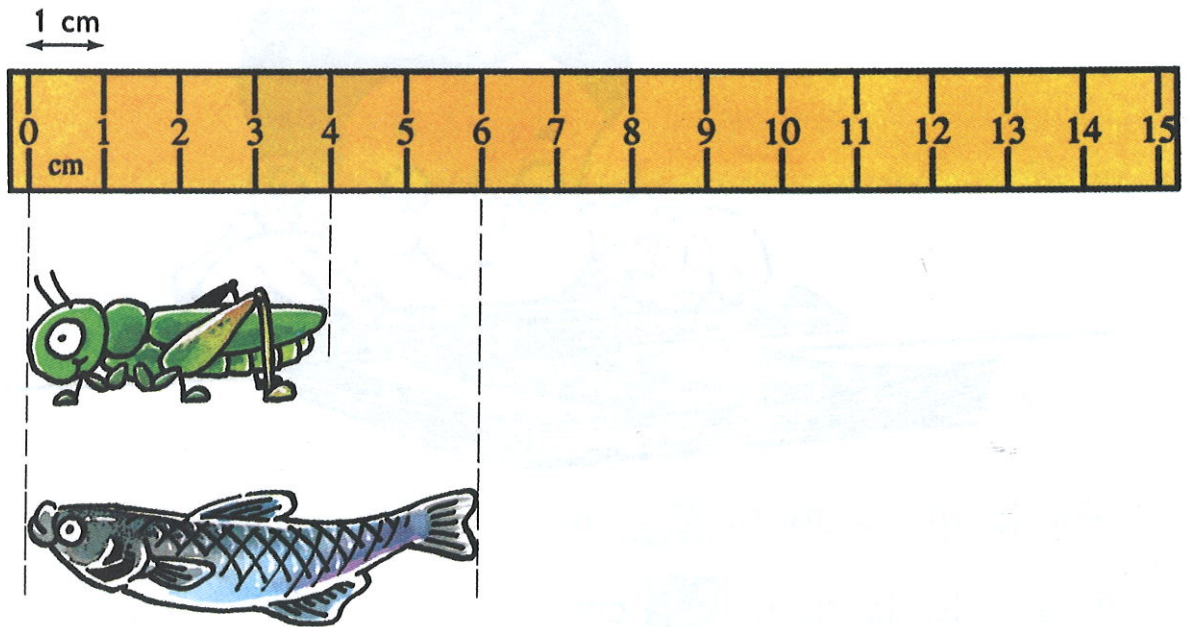
$$\begin{array}{r} 236 \\ + 362 \\ \hline 98 \end{array}$$



$$\begin{array}{r} 236 \\ + 362 \\ \hline 598 \end{array}$$

2

Measuring Length in Centimeters



The **centimeter** is another unit of length.

We write **cm** for centimeters.



The grasshopper is 4 cm long.

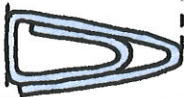
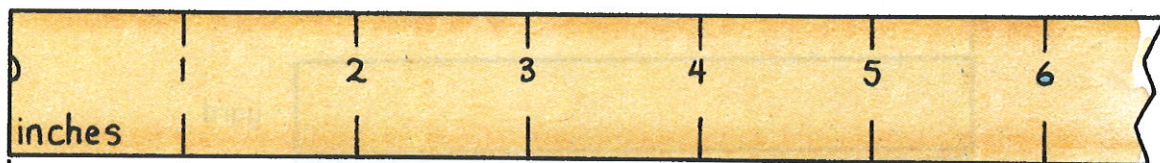
The fish is 6 cm long.

The grasshopper is cm shorter than the fish.

The fish is cm longer than the grasshopper.

4 Measuring Length in Inches

We also measure length in inches.



The **inch** is another unit of length.
We write **in.** for inch.



The paper clip is 1 in. long.

The pen is 5 in. long.

The paper clip is in. shorter than the pen.

The pen is in. longer than the paper clip.

Take a look at your ruler. How many inches are there in 1 foot?

1 foot = inches

1. Use your ruler to measure the length and width of your textbook.

The length is about in.

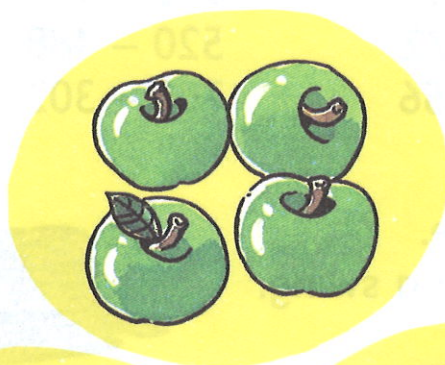
The width is about in.



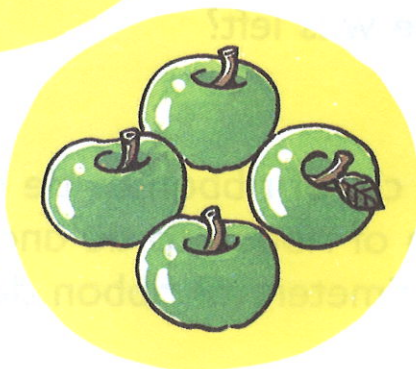
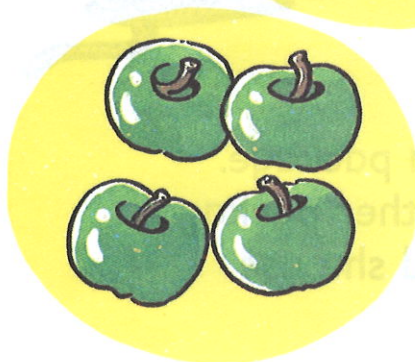
Multiplication and Division

1 Multiplication

How many apples are there altogether?



$$4 + 4 + 4 = 12$$



3 groups of 4

$$3 \times 4 = 12$$



$$4 \times 3 = 12$$



There are  apples altogether.