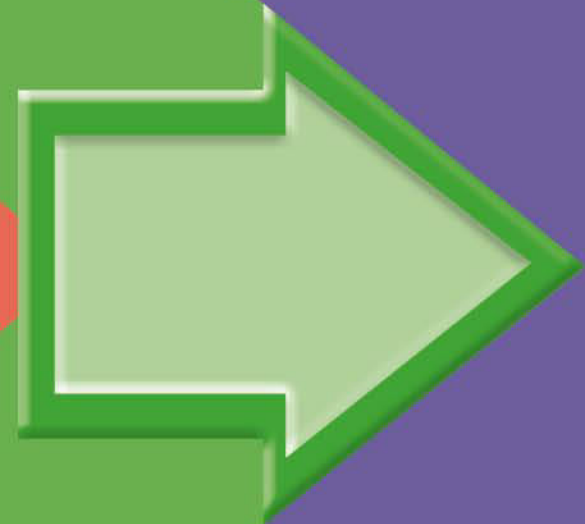


<https://vimeo.com/494127943>

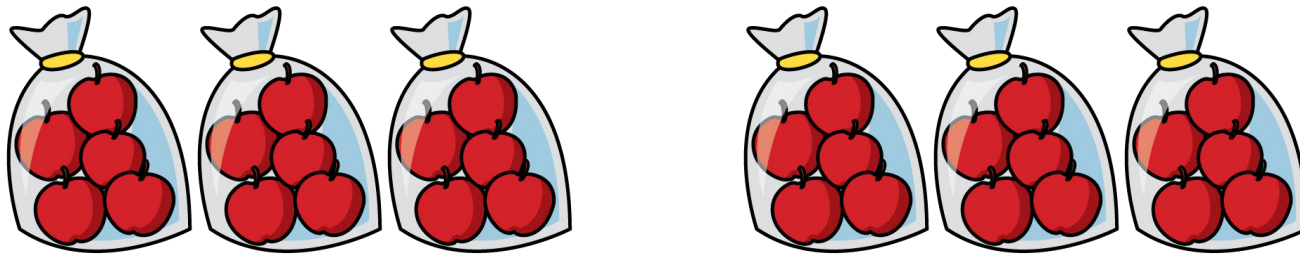
SCALING



GET READY



1) How many apples altogether?



2) Complete the calculations

$$3 \times 10 =$$

$$30 \div 3 =$$

$$3 \times 20 =$$

$$60 \div 3 =$$

3) Double each of the numbers below

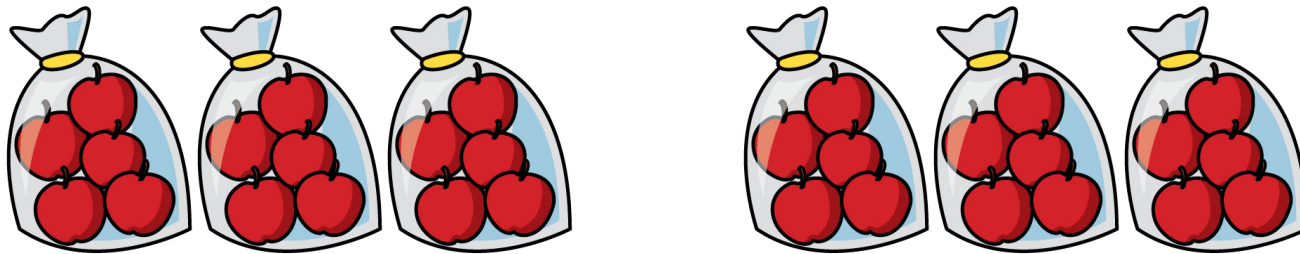
15 →

25 →

35 →

45 →

1) How many apples altogether? 30



2) Complete the calculations

$$3 \times 10 = 30$$

$$30 \div 3 = 10$$

$$3 \times 20 = 60$$

$$60 \div 3 = 20$$

3) Double each of the numbers below

$$15 \rightarrow 30 \quad 25 \rightarrow 50 \quad 35 \rightarrow 70 \quad 45 \rightarrow 90$$

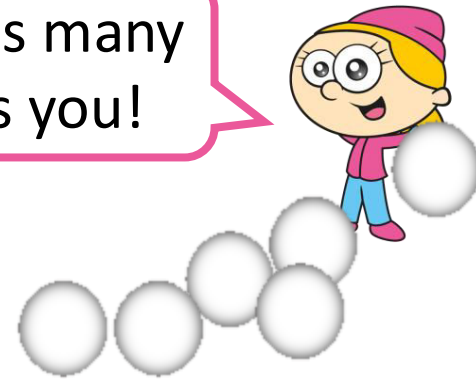
LET'S LEARN



The children are making snowballs.



I have twice as many
snowballs as you!



Do you agree with Eva?

Does Eva have twice as many snowballs as Amir?



Amir has 3 snowballs.



Eva has 6 snowballs.

$$2 \times 3 = 6$$

6 is twice as many as 3

Amir now has 5 snowballs.

If Eva makes twice as many snowballs, how many will she have?




Eva has 10 snowballs.

$$2 \times 5 = 10$$

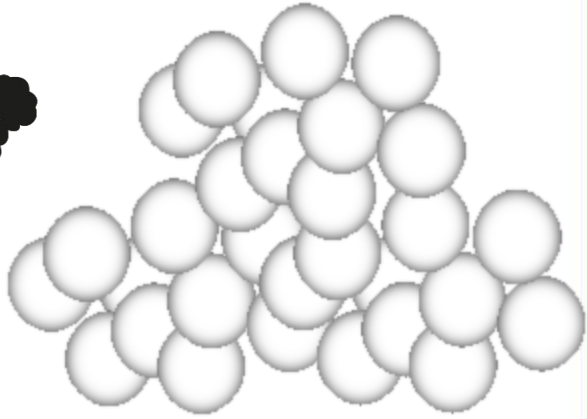
10 is twice as many as 5

Eva has 10 snowballs

Have a think 



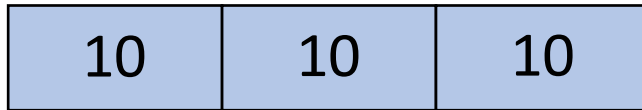
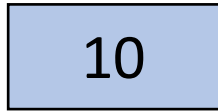
I have made three times as many snowballs as you!



How many snowballs has Whitney made?

Eva has 10 snowballs.

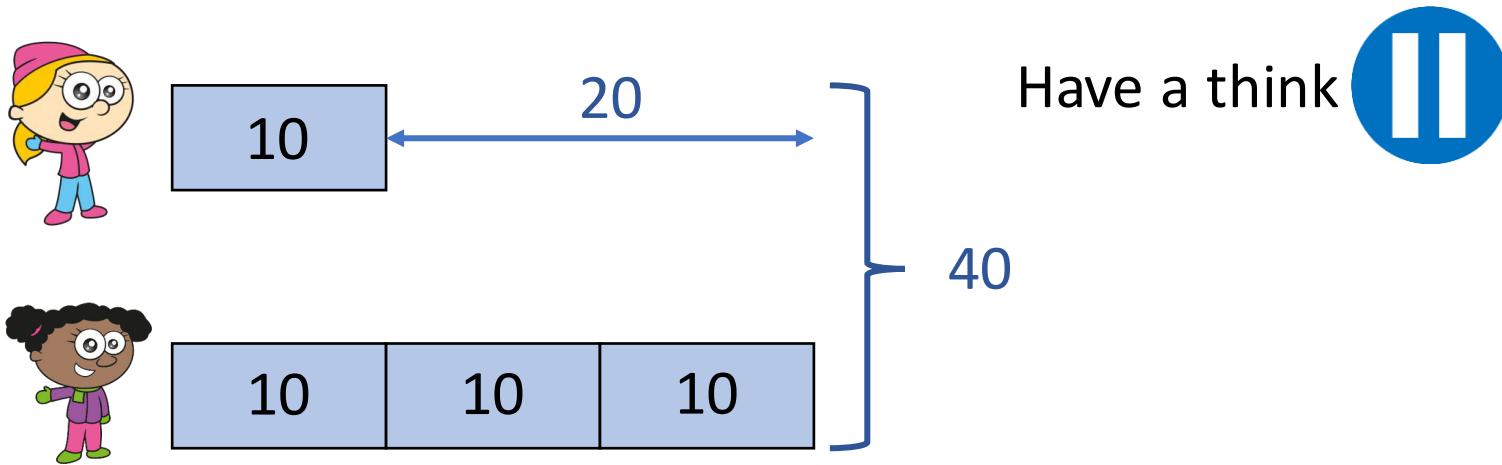
Whitney has three times as many snowballs as Eva.



Whitney has 30 snowballs.

How many snowballs does Whitney have?

What else can you see from the bar model?

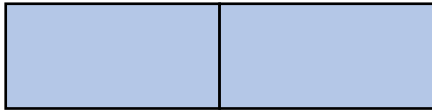


Whitney has 20 more snowballs than Eva.
Eva has 20 fewer snowballs than Whitney.

The girls have 40 snowballs altogether.

Here is a bar model to represent how children in Class 3 travel to school.

Use the bar model to complete the sentences.



Have a think



Twice as many children travel by car as by bus.

5 times as many children walk as travel by bus.

YOUR TURN

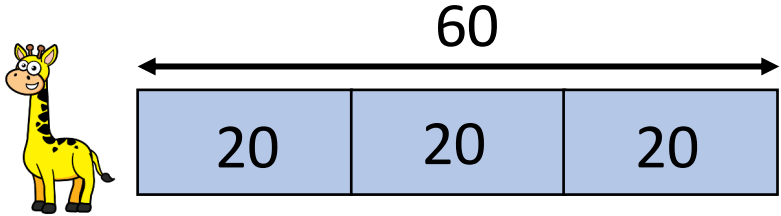
Have a go at questions
1 – 6 on the worksheet




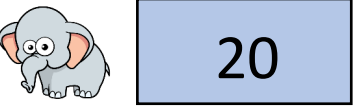
Here are 2 toys.

The giraffe is 3 times as tall as the elephant.

How tall is the elephant?



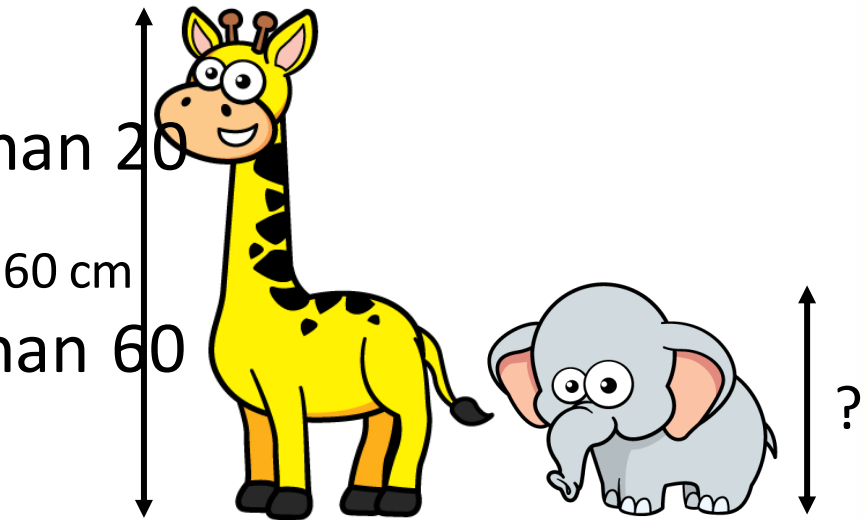
Have a think 
 $60 \div 3 = 20$



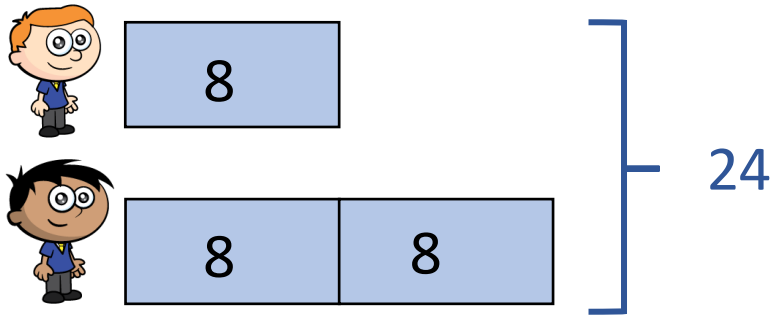
The elephant is 20 cm tall.


60 is 3 times greater than 20

20 is 3 times smaller than 60



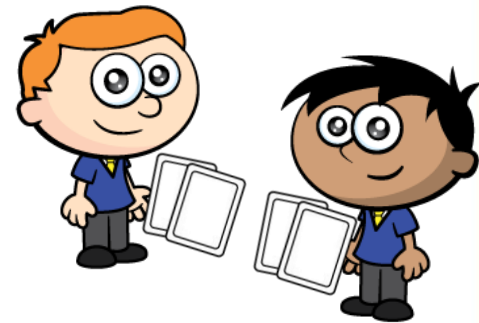
Amir and Ron have some playing cards.
Amir has twice as many cards as Ron.
Altogether there are 24 cards.



Have a think 
 $24 \div 3 = 8$

$$8 \times 2 = 16$$

Ron has 8 cards.
Amir has 16 cards.



How many cards does each boy have?

YOUR TURN

Have a go at the rest of
the questions on the
worksheet

