

LI: Can I understand scaling?

Please watch the following
teaching video (you will need
sound):

<https://vimeo.com/494127943>

1 Aisha has some fruit.



Complete the sentences to describe the fruit.

There are apples.

There are strawberries.

There are times as many strawberries as apples.

2 Huan is comparing 2 pieces of ribbon.



Complete the sentences to describe the ribbon.

The spotty ribbon measures

The plain ribbon measures

The plain ribbon is times as long as the spotty ribbon.

3 Match the bar models to the statements.

Write the missing statement.



There are 4 times as many boys as girls.

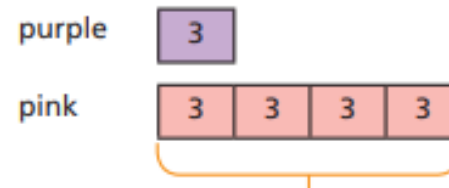


There are 3 times as many boys as girls.



4 There are 3 purple balloons.

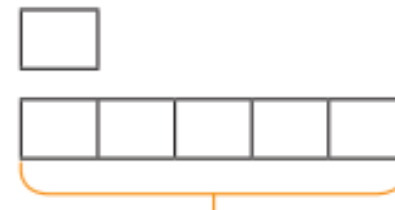
There are 4 times as many pink balloons.



Complete the bar model to show how many pink balloons there are.

5 The red rope is 8 m long.

The blue rope is 5 times as long.



a) Label and complete the bar model.

b) How long is the blue rope?

- 3 Match the bar models to the statements.


Write the missing statement.

girls 

boys 

There are 4 times as many boys as girls.

girls 

boys 

There are 3 times as many boys as girls.

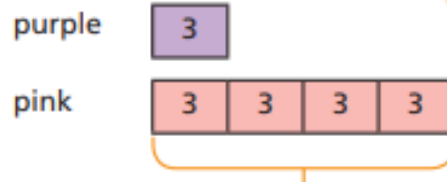
girls 

boys 

- 4 There are 3 purple balloons.

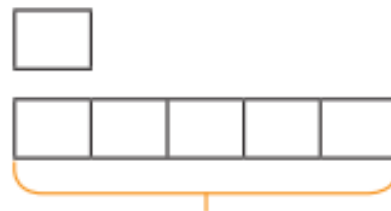
There are 4 times as many pink balloons.

Complete the bar model to show how many pink balloons there are.



- 5 The red rope is 8 m long.

The blue rope is 5 times as long.



a) Label and complete the bar model.

b) How long is the blue rope?

- 6 Ron has 5 bananas.

Esther has 6 times as many bananas as Ron.

Draw a bar model to work out how many bananas Esther has got.

- 7 Complete the sentences.

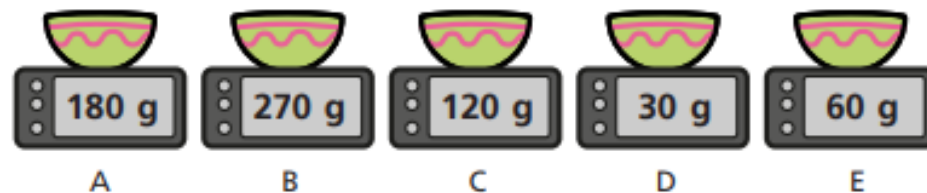
45 is times greater than 5

\times 5 = 45

5 is times smaller than 45

$45 \div 5 =$

- 8 The children are weighing out flour.



Use the clues to work out which child used which scales.

- Eva has twice as much as Alex.
- Dexter has 9 times as much as Alex.
- Annie has 3 times as much as Eva.
- Tommy has twice as much as Eva and 4 times as much as Alex.

The following slides have
the answers that you can
check your work.

- 1 Aisha has some fruit.



Complete the sentences to describe the fruit.

There are apples.

There are strawberries.

There are times as many strawberries as apples.

- 2 Huan is comparing 2 pieces of ribbon.



Complete the sentences to describe the ribbon.

The spotty ribbon measures .

The plain ribbon measures .

The plain ribbon is times as long as the spotty ribbon.

- 3 Match the bar models to the statements.

Write the missing statement.



There are 4 times as many boys as girls.



There are 3 times as many boys as girls.

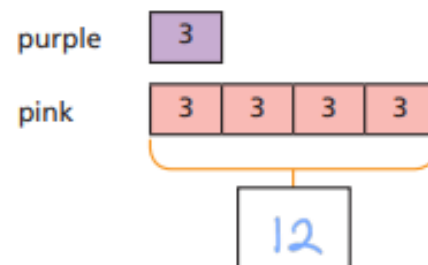


There are 5 times as many boys as girls.

- 4 There are 3 purple balloons.

There are 4 times as many pink balloons.

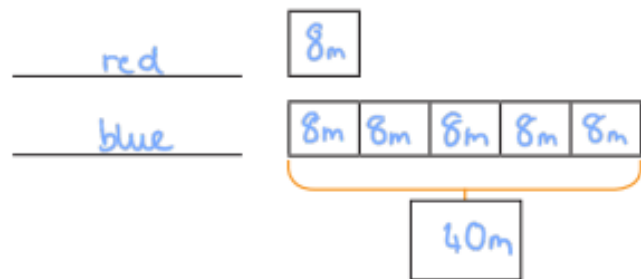
Complete the bar model to show how many pink balloons there are.



5 The red rope is 8 m long.

The blue rope is 5 times as long.

a) Label and complete the bar model.



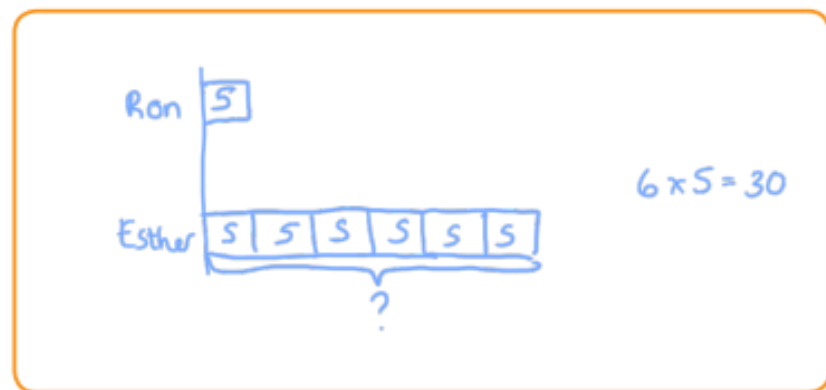
b) How long is the blue rope?

The blue rope is m long.

6 Ron has 5 bananas.

Esther has 6 times as many bananas as Ron.

Draw a bar model to work out how many bananas Esther has got.



Esther has got bananas.

7 Complete the sentences.

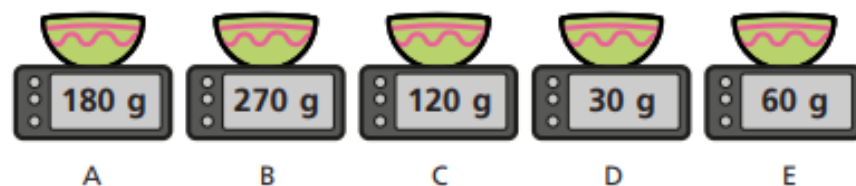
45 is times greater than 5

$$\boxed{9} \times 5 = 45$$

5 is times smaller than 45

$$45 \div 5 = \boxed{9}$$

8 The children are weighing out flour.



Use the clues to work out which child used which scales.

- Eva has twice as much as Alex.
- Dexter has 9 times as much as Alex.
- Annie has 3 times as much as Eva.
- Tommy has twice as much as Eva and 4 times as much as Alex.

	Alex	Eva	Dexter	Annie	Tommy
Scales	D	E	B	A	C

