

Extra Maths Challenges: Friday 29th January 2021

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 

Huan is comparing 2 pieces of ribbon.



Complete the sentences to describe the ribbon.

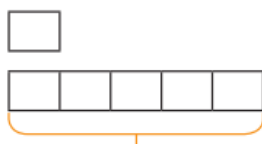
The spotty ribbon measures

The plain ribbon measures

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

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?

Complete the sentences.

45 is times greater than 5

$\times 5 = 45$

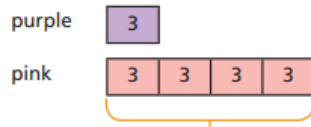
5 is times smaller than 45

$45 \div 5 =$

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.



There are four times as many home fans as away fans at a basketball game. There are 48 home fans.

Complete the bar model to help you calculate how many away fans are there.

home 

away 

A bag contains some marbles.

There are twice as many blue marbles as there are red marbles.

Altogether, there are 21 marbles.

How many blue marbles are there?

blue 

red 