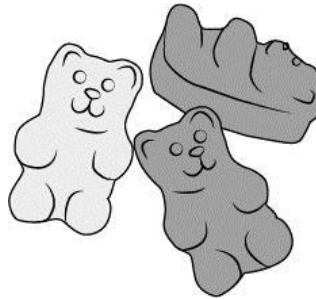


LO Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.



A shop sells packs of sweets.



Each pack has one red sweet and two green sweets.

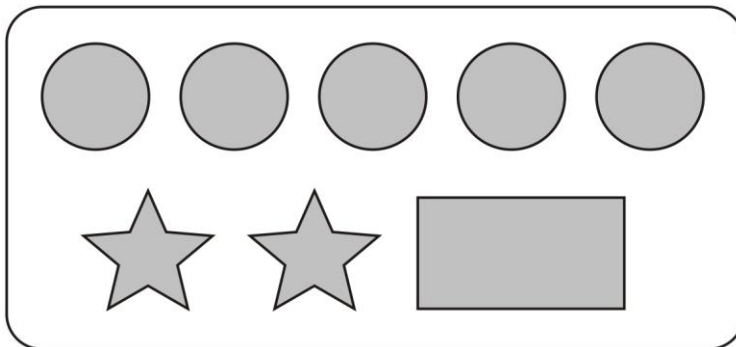
Sam buys some packs so he has 4 red sweets.

How many green sweets does he have?

green sweets



On a sheet of stickers there are 5 circles, 2 stars and one rectangle.



How many stickers are there altogether on **4** sheets?

Nisha needs 55 circles.

How many sheets of stickers does she need?

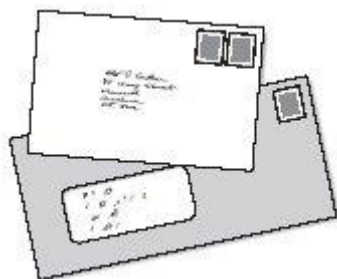
Ben has 10 sheets of stickers.

How many **more** circles than rectangles does he have?

LO Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.



Two letters have a total weight of **120 grams**.



One letter weighs **twice as much** as the other.

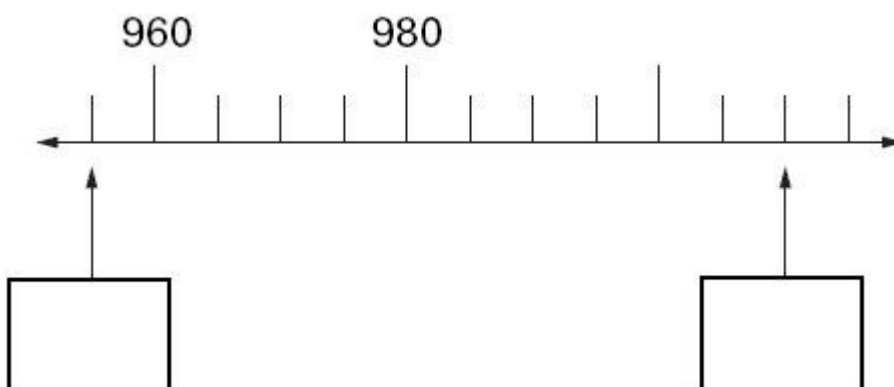
Write the weight of the **heavier** letter.

g



Here is part of a number line.

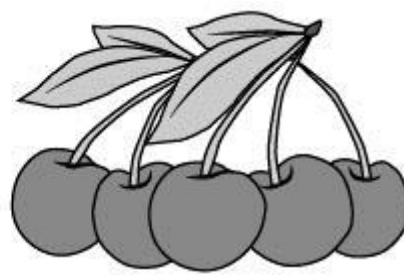
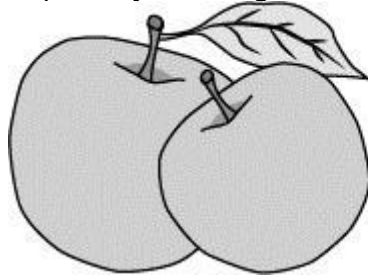
Write the two missing numbers in the boxes.



LO Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.



On a school trip, every child is given 2 apples and 5 cherries.



Mrs Smith gives her group 12 apples.

How many cherries does she give her group?

cherries

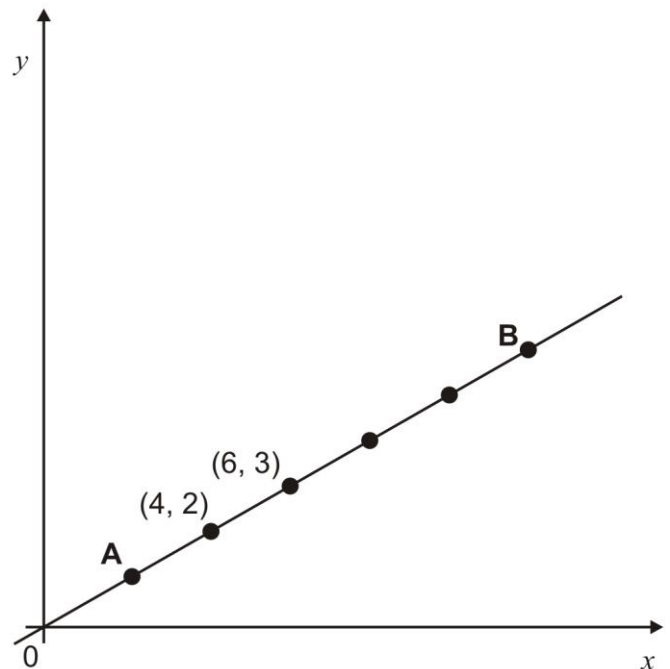


Here is a graph.

The dots (•) on the line are **equally spaced**.

What are the **coordinates** of the point **A**?

(,)



Megan says,

'The point B has coordinates (11,5).'

Use the graph to explain why she **cannot** be correct.

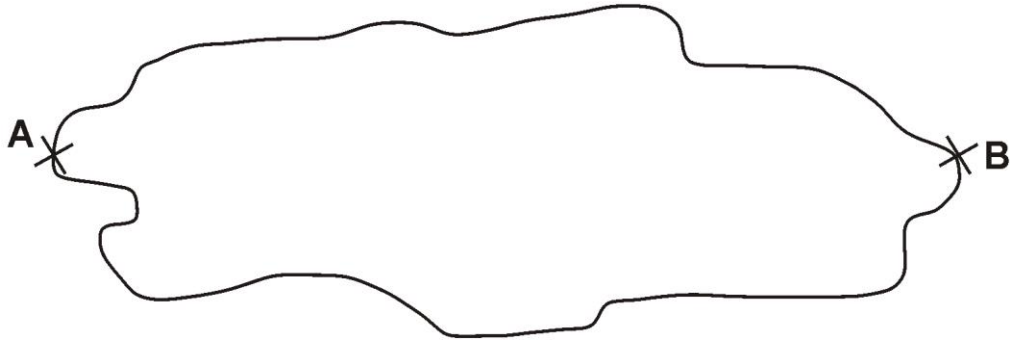
LO Solve problems involving similar shapes where the scale factor is known or can be found.



This is a scale drawing of a pond.

Scale

1cm to 2m



- (a) **Use a ruler** to measure the distance across the drawing from A to B

cm

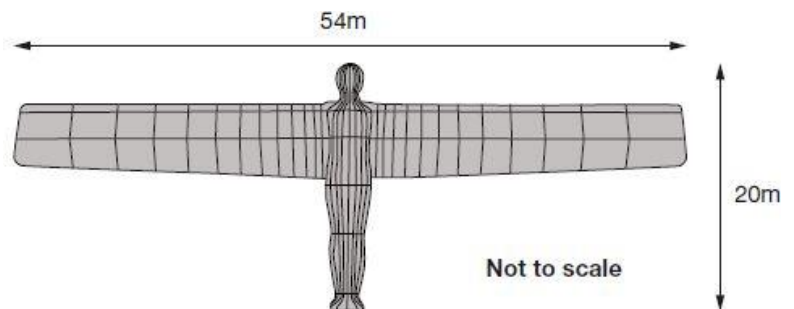
- (b) **Use the scale** to work out the **actual distance** across the pond from A to B.

m



The Angel of the North is a large statue in England.

It is 20 metres tall and 54 metres wide.



Ally makes a scale model of the Angel of the North.

Her model is 40 centimetres tall.

How **wide** is her model?

cm

LO Solve problems involving similar shapes where the scale factor is known or can be found.



Calculate 55% of 640



Seb had some cherries.

Every day he ate 10 cherries and gave 5 away.

After he gave the last 5 cherries away, he had eaten 40 cherries altogether.

How many cherries did Seb have at the start?

