

First name \_\_\_\_\_

Last name \_\_\_\_\_

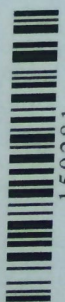
School \_\_\_\_\_

Class \_\_\_\_\_

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2017

Total score  (maximum 20)



150281



Llywodraeth Cymru  
Welsh Government

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**Rules**  
 dog beats cat  
 cat beats mouse  
 mouse beats dog



**Scoring each round**  
 win: 2 points  
 draw: 1 point each  
 lose: 0 points

After 2 rounds, what could the scores be?

Show all possible pairs of answers. One pair is done for you.

Rhian's score	Tom's score
0	4


2m

After 8 rounds, Rhian says:



I won 6 and drew 1 of the 8 rounds.

What are their scores?



Rhian  points      Tom  points

2m



- 2 Meg sells birthday cakes with candles to show the ages, e.g.



Information about the candles:



Each digit costs £1.50

Meg makes one cake for each year from age 1 to age 16

Altogether, how much do the candles cost?

£

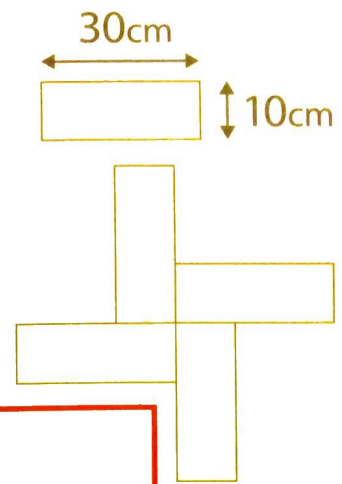


3 Jac has four identical rectangles.

Each measures 30cm by 10cm.

He uses them to make this 'windmill' shape.

Work out the **perimeter** of the shape.



Blank area for working out the perimeter of the shape. A small icon of a pencil and paper is in the top left corner. A box labeled "cm" is in the bottom right corner.



4 The bear has big jars  and small jars  and a large pot of honey.

The pot of honey could fill



How many **small** jars could the pot of honey fill?

Blank area for working out the number of small jars. A small icon of a pencil and paper is in the top left corner. A box labeled "small jars" is in the bottom right corner.



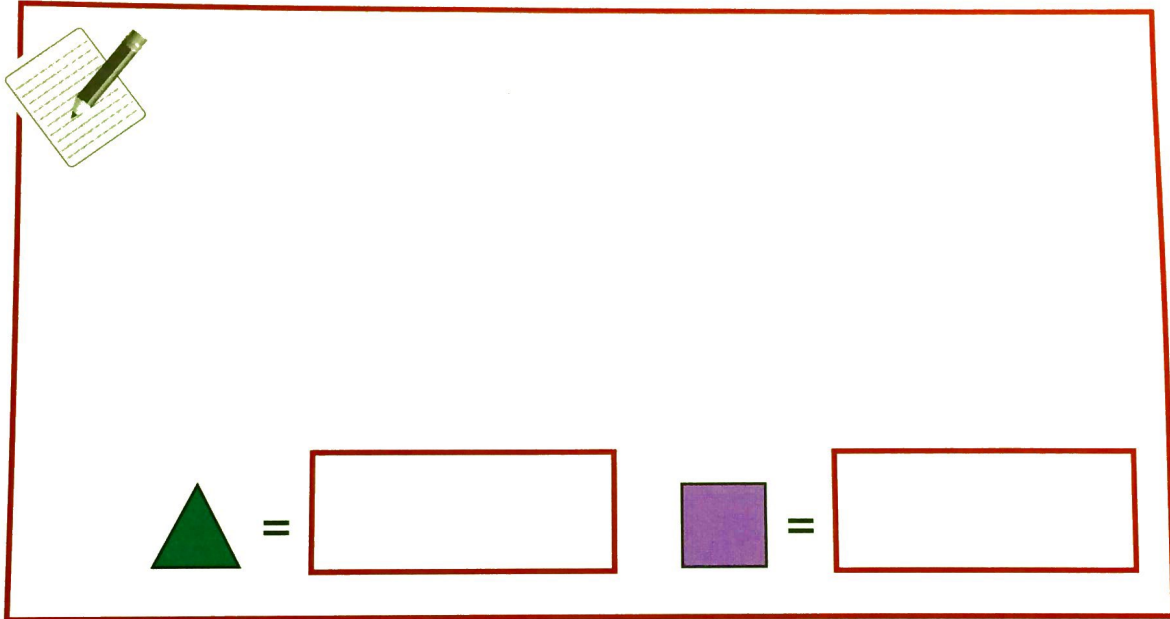
5



 and  represent numbers.

$$\triangle + \square = 20$$

$$\triangle - \square = 6$$

What are the numbers?



 =   =



2m

 and  represent other numbers.

$$\bigcirc + \star = 20$$

$$\bigcirc - \star = 7$$

What are the numbers?

 =   =


1m

- 6 Year 6 children buy St David's day mugs, and pencils to put in the mugs. Then they sell the mugs and pencils and give the profit to charity.

What the children buy	Small mug 	Big mug 	Pencils 
Cost	£1.95 each	£2.85 each	10p each
Number	20	15	170

What the children sell	Small mug with 4 pencils 	Big mug with 6 pencils 
Price	£3.50 each	£5.50 each
Number	19	13

How much money do the children give to charity?



£

