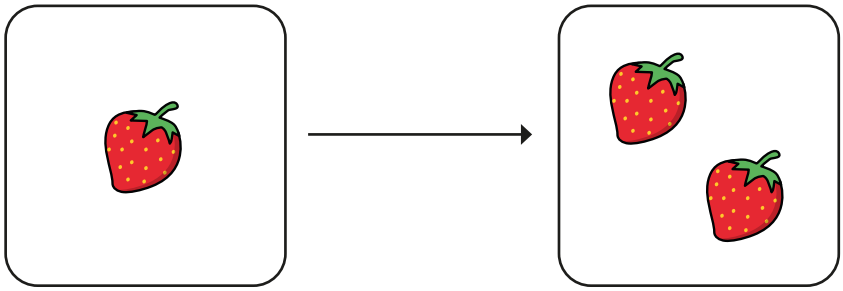
Make doubles

1 Complete the sentences.

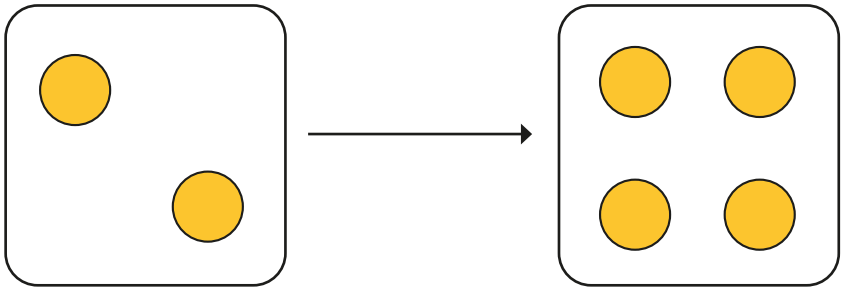
Use the pictures to help you.

a)



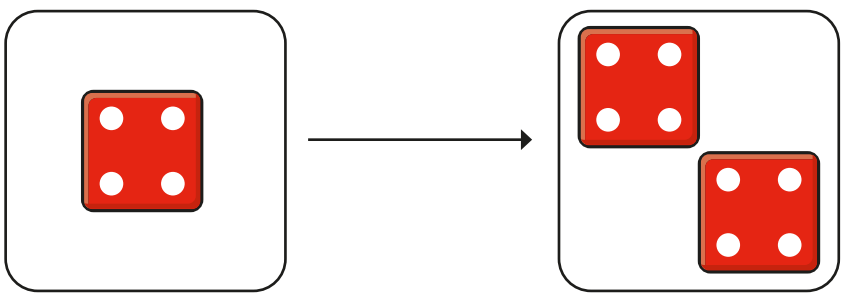
Double 1 is ☐

b)



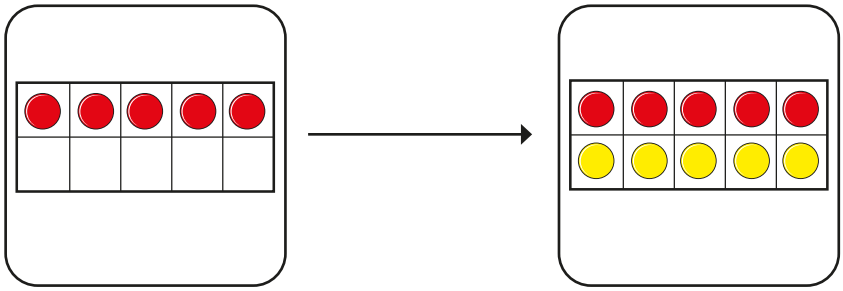
Double 2 is ☐

c)



Double ☐ is ☐

d)



Double ☐ is ☐

2 Match the doubles to the additions.

Double 3	6 + 6
Double 6	7 + 7
Double 10	3 + 3
Double 7	10 + 10

3 Fill in the gaps.

a) Double 15 is ☐

b) Double 11 is ☐

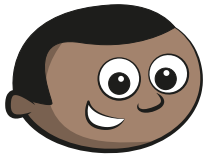
c) Double 12 is ☐

d) Double 20 is ☐

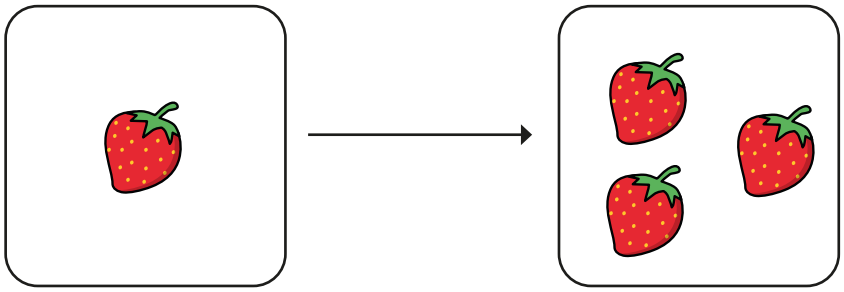
e) Double ☐ is 8

f) Double ☐ is 16

4



I have doubled the number of strawberries.



Do you agree with Mo?_____

Talk about it with a partner.

Make equal groups – grouping

1 Here are some socks.

a) Draw lines to match the pairs of socks.

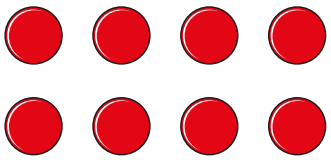
b) Complete the sentences.

There are ☐ socks altogether.

There are ☐ socks in each pair.

There are ☐ pairs of socks.

2 Here are some counters.



a) Circle groups of 2

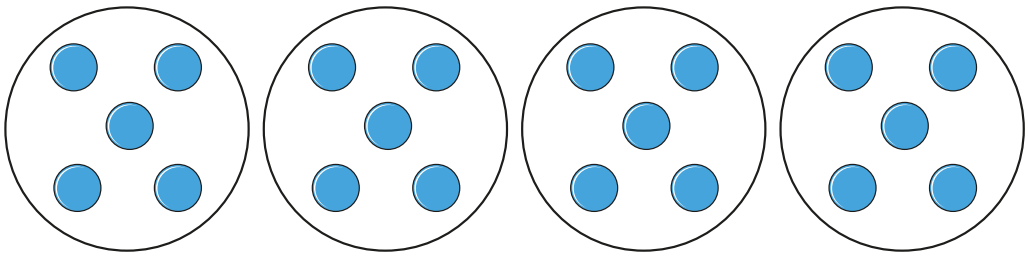
b) Complete the sentences.

There are ☐ counters altogether.

There are ☐ equal groups of 2 counters.

3 Complete the sentences.

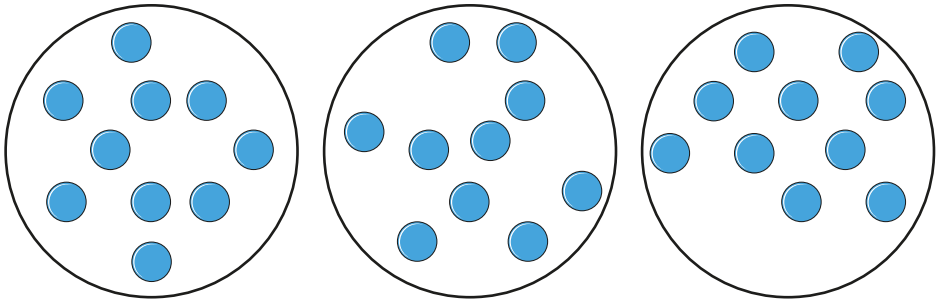
a)



There are ☐ counters altogether.

There are ☐ equal groups of ☐ counters.

b)



There are ☐ counters altogether.

There are ☐ equal groups of ☐ counters.

4 Use 30 counters.

a) How many equal groups of 2 can you make? ☐

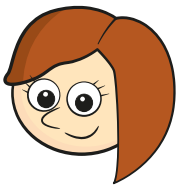
b) How many equal groups of 5 can you make? ☐

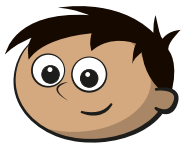
c) How many equal groups of 10 can you make? ☐

Talk about your answers.

Make equal groups – sharing

1 Rosie and Amir are sharing some sweets.





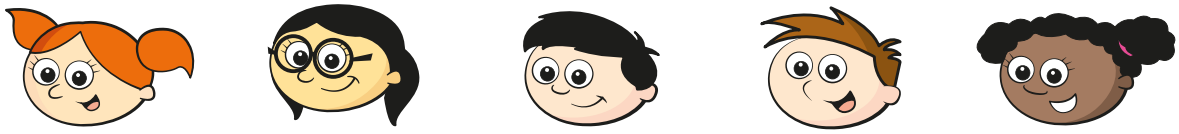
a) Draw lines to share the sweets equally.

b) How many sweets does each child get?

Each child gets ☐ sweets.

8 sweets shared equally between 2 is ☐

2 Five children share some grapes.



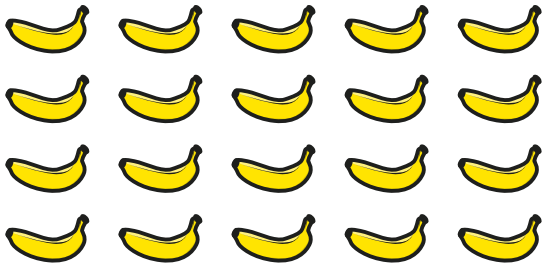
a) Draw lines to share the grapes equally.

b) How many grapes does each child get?

Each child gets ☐ grapes.

10 grapes shared equally between 5 is ☐

3 Ron needs to share 20 bananas between 5 boxes.

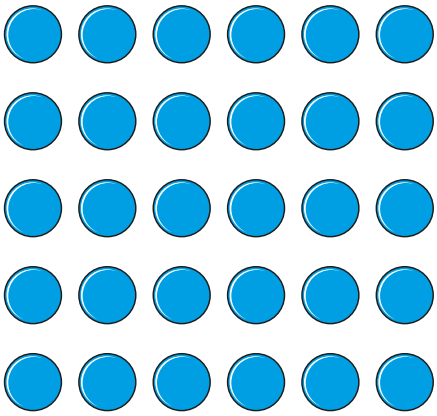


How many bananas will there be in each box?

20 bananas shared between 5 boxes is ☐

There will be ☐ bananas in each box.

4 Use 30 counters.



a) Share the counters between 2 friends.

How many counters does each friend get?

b) Share the counters between 5 friends.

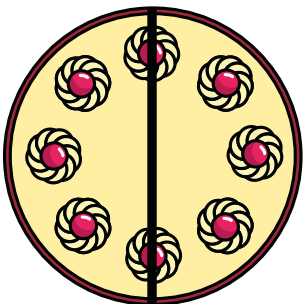
How many counters does each friend get?

c) Share the counters between 10 friends.

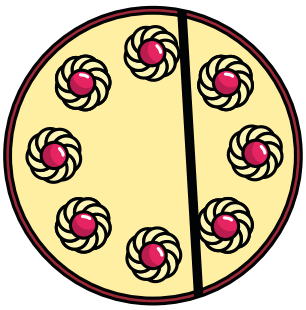
How many counters does each friend get?

Find a half (1)

1 Tick the cake that is cut in half.

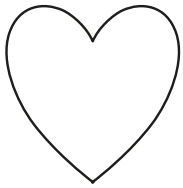


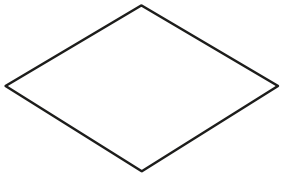
☐

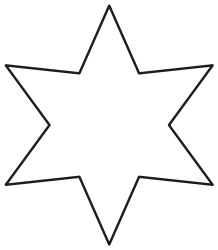


☐

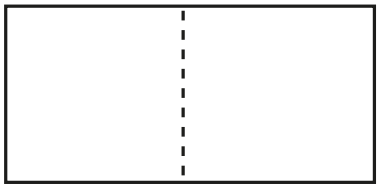
2 Draw a line to split each shape in half.

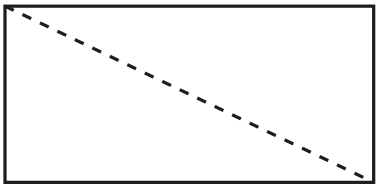


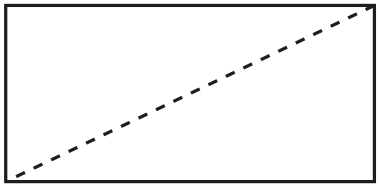


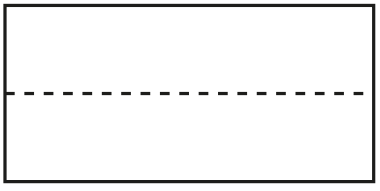


3 Colour half of each rectangle.

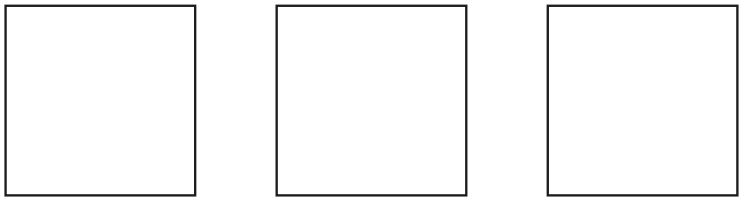




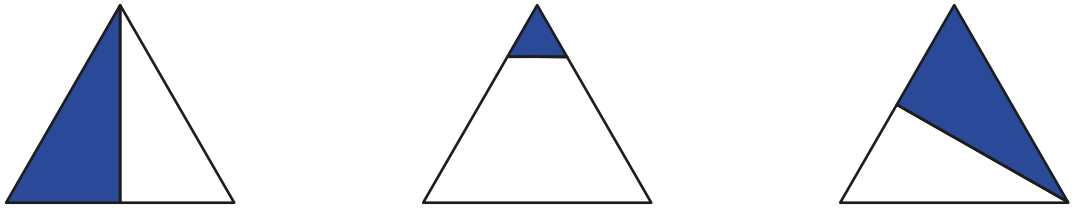




4 Show one half in three different ways.



5 Tick the shapes that show one half.



6 Match the halves to make a whole.

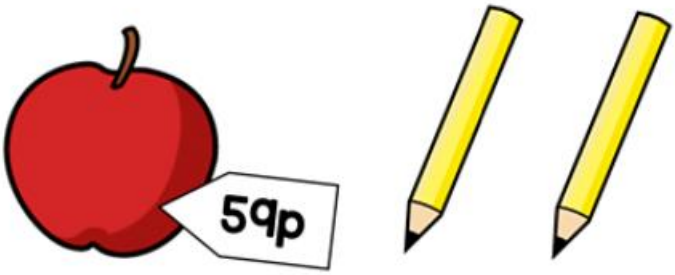
Challenge 1

Can you work out the values of each shape?

Challenge 2

Tom has six 10p coins and three 5p coins. He buys an apple for 59p and two pencils.

He has no money left. How much does a pencil cost?



Challenge 3

Here are some digit cards.

Amir and Donna each make a three-digit number using all the cards.

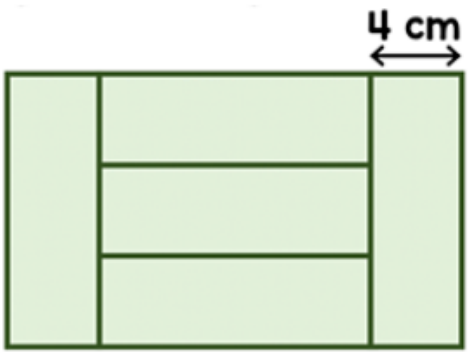
Amir notices that when he subtracts his number from Donna's number he gets an answer greater than 300 but less than 400.

What numbers did they make?

Challenge 4

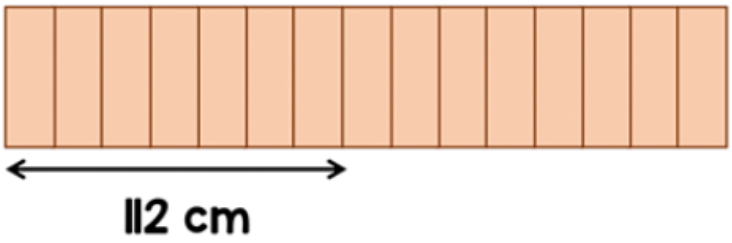
Five identical rectangles are put together to make a large rectangle.

The width of one rectangle is 4cm. Work out the perimeter of the large rectangle.



Challenge 5

15 identical blocks are lined up as shown.

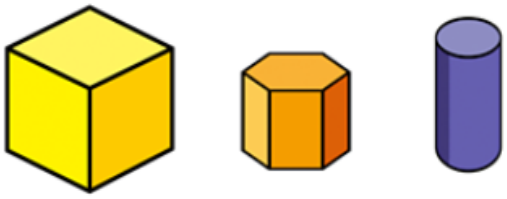


The length of each individual block is twice the width.

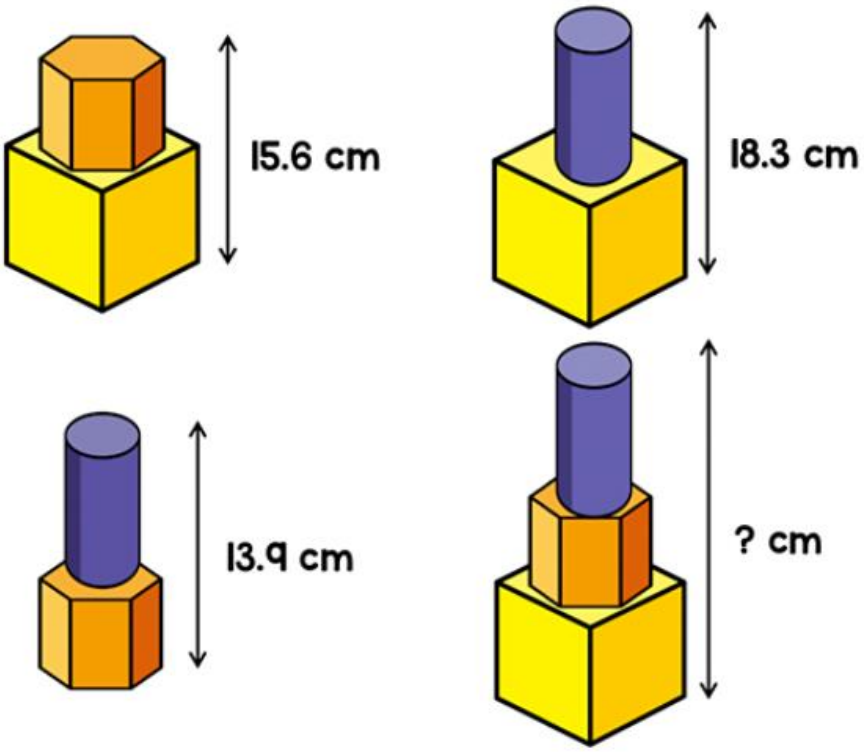
If all 15 blocks are then laid end to end lengthways, what is the total length of the blocks altogether now?

Challenge 6

Liam has these three shapes.



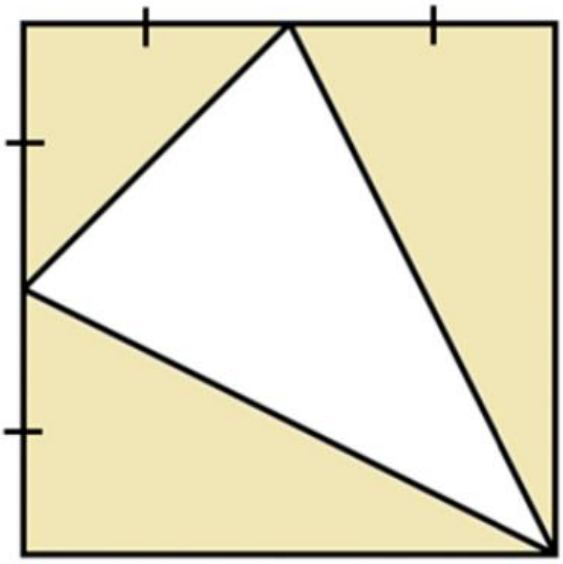
He uses them to make different towers. He measures the height of each tower he makes.



Liam stacks all three shapes to make one tall tower. How tall is the tower?

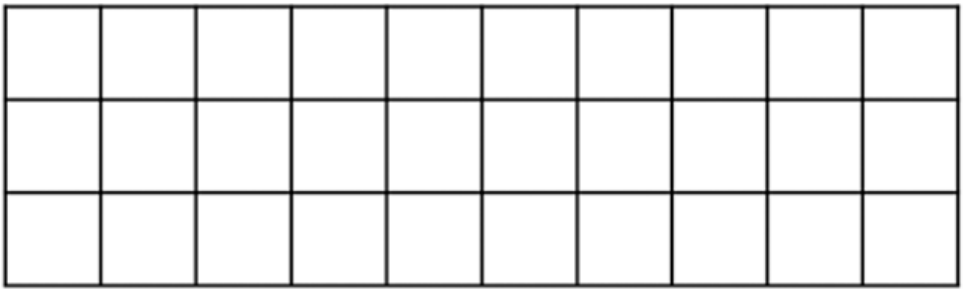
Challenge 7

The diagram shows a square. The square has been divided into 4 triangles. What fraction of the square is shaded?



Challenge 8

Lisa has this squared grid.



She shades some squares green so that the ratio of green squares to white squares is **1:2**.

She shades some more squares green so that the ratio of green squares to white squares is **4:1**.

How many more squares did Lisa need to shade?

Challenge 9

Mo is reading a book.

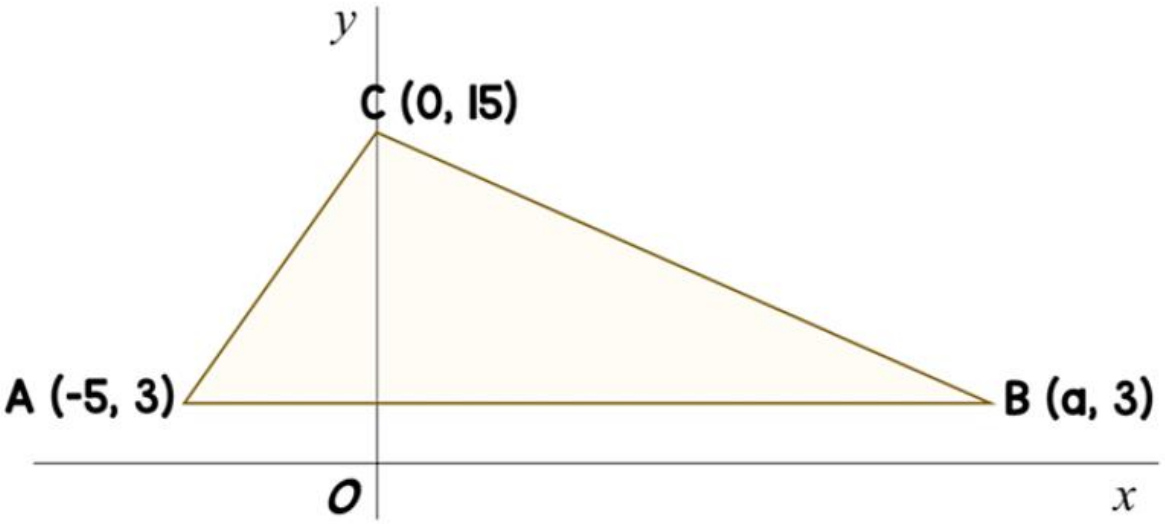
- On Monday he reads 2/5 of the book.
- On Tuesday he reads 1/2 of the remaining pages.
- On Wednesday he reads 5/9 of the remaining pages.
- On Thursday he reads the rest of the book.

Mo read 68 more pages on Tuesday than Wednesday.

How many pages are there in the book?

Challenge 10

Triangle ABC is shown.



The area of ABC is 126 units^2.

Find the perimeter of triangle ABC.