

Year 5 Home Learning

Date Monday 11th May

Follow this sheet to revisit a topic from year 5 maths. Complete as much as you feel confident doing.

Warm up

L.O: Calculate the perimeter of shapes.

Flashback 4

Year 5 | Week 5 | Day 2

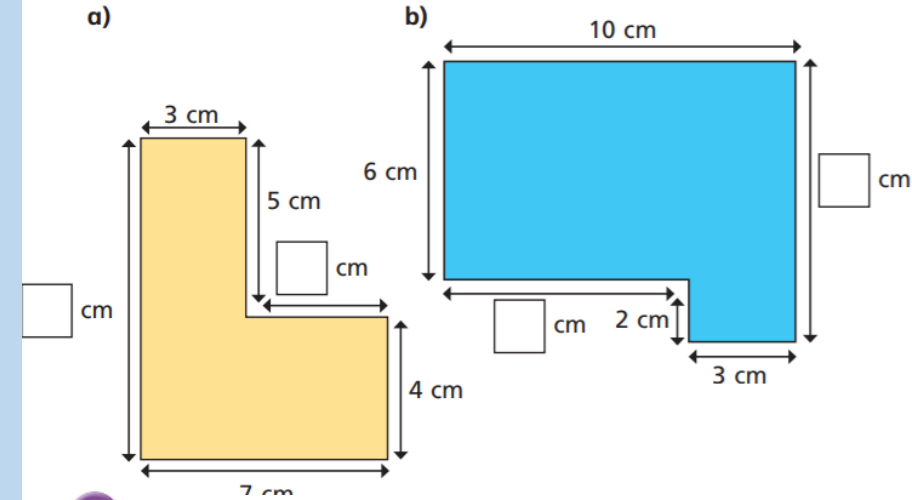


- 1) Which is greater, $\frac{7}{5}$ or $\frac{11}{10}$?
- 2) Change $\frac{5}{8}$ to sixteenths.
- 3) Divide 2,592 by 6
- 4) What is the value of the 4 in the number 8.41?

When working with perimeter you will also be given certain lengths of sides. You can use these to calculate the entire perimeter or missing sizes.

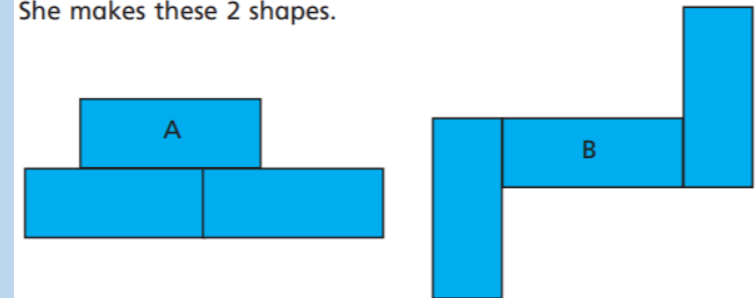
Alternatively you may be asked to find the missing lengths, to accomplish this you will need to use your knowledge of perimeter and subtract the sides you have been given.

3 Work out the missing lengths on these shapes.



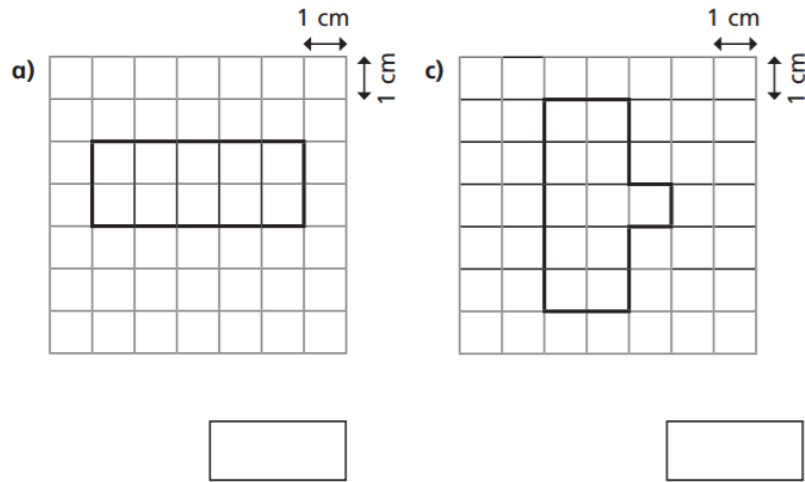
4 Rosie is making shapes made up of 3 rectangles.

Each rectangle has a length of 10 cm and a width of 4 cm. She makes these 2 shapes.

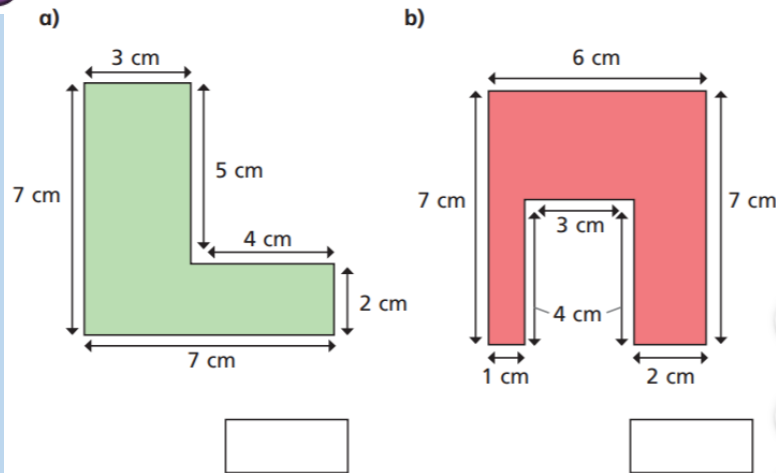


- a) Which shape has the greatest perimeter? _____
- b) What other shapes can you make with 3 rectangles?
What is the perimeter of the shapes?

1 Calculate the perimeter of each shape.



2 Calculate the perimeter of these shapes.



English

To create open questions to understand a Shakespearean character.

- Begin by creating a mindmap about Macbeth to remind yourself about the story. You could include characters, themes and things that happen in the play.
- Then create some **open questions** to ask one or more of the characters. Try to start your questions in different ways, not all the same.

Look at the information on the next slide about open and closed questions.

For example:

Questions for Lady Macbeth

Why did you want Macbeth to be king so badly?

Tell me about what happened when you took the dagger off Macbeth and went to the king's chamber?

Questions for Banquo's son

What happened after you escaped from the two murderers?

How did you feel knowing your father had been killed?

Closed questions

A closed question can be answered with either a single word or a short phrase.

Closed questions have the following characteristics:

- They give you facts.
- They are easy to answer.
- They are quick to answer.
- They are often 'yes/no' questions.

Are you happy?

What age are you?

Were you scared of the witches?

Is this a dagger I see before me?

Open questions

An open question is likely to receive a long answer.

Open questions have the following characteristics:

- They ask the person to think and reflect.
- They will give you *opinions* and *feelings*.
- Open questions begin with words such as: what, why, how, describe, tell me about...

Tell me what you did on holiday?

Why is that so important to you?

How did you feel when...?

Describe your feelings about...

Investigating Bridges

Amazing Fact

The Sidu River Bridge in China has been the world's highest bridge since 2009. It is 496 metres above the valley floor.

Challenge

See if you can make a paper bridge which will take the weight of a marble rolling along it.

Investigate how long the bridge can be before it collapses with the weight of the marble.

The 'bridge' must rest on two surfaces and stand at least 30cm from the ground. The marble must begin rolling from one end and reach the other end without the bridge collapsing!



Predict what you think will happen and then investigate.

My prediction:	What I found out:
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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