

# Year 6 Maths

## Challenge 1

Can you work out the values of each shape?

$$\star + \star = 20$$

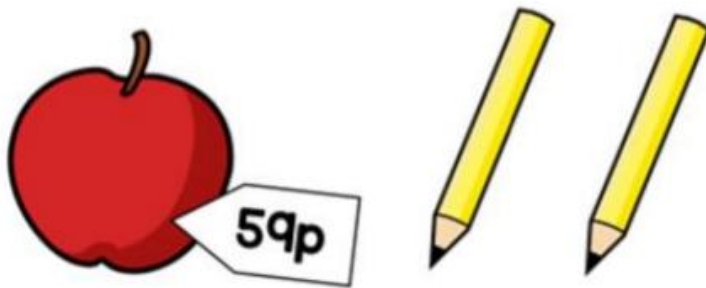
$$\heartsuit - \star = 7$$

$$\heartsuit - \heartsuit = \blacktriangle$$

## 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.

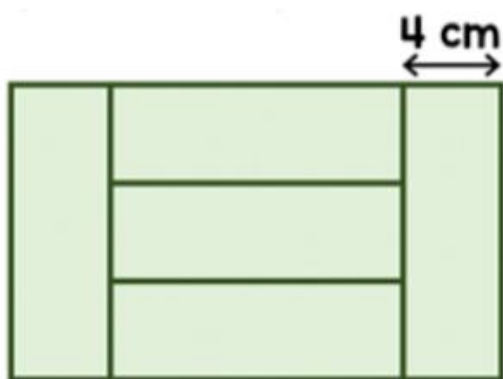
Amir notices that when he subtracts his number from Donna's number he gets an answer greater than 300 but less than 400.

What numbers did they make?

## Challenge 4

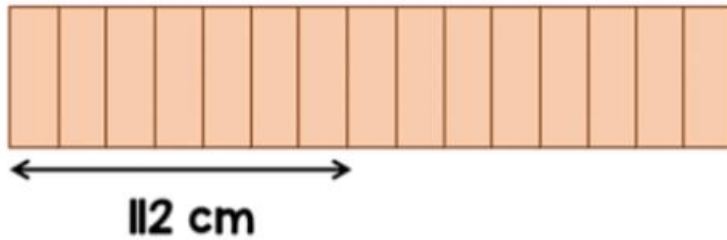
Five identical rectangles are put together to make a large rectangle.

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?



**Year 6 English**

**Name It**

Give this photograph a title.

\_\_\_\_\_



**Quote it**

Write one line of correctly punctuated speech from a spectator in the crowd.

\_\_\_\_\_

**Collecting Vocabulary**

Write down six ambitious words to describe this picture.


**Give Your Opinion**

Would you like to travel into space? Give a reason for your answer that includes the word 'as'.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Quick Questions**

1. Why do you think that there are no people in this photograph?

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\_\_\_\_\_  
\_\_\_\_\_

2. How often do you think events like this occur? Explain your answer.

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. What might newspaper headlines have said the next day?

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\_\_\_\_\_  
\_\_\_\_\_

**Opening Lines**

Write the opening to a story based on the photograph.

\_\_\_\_\_  
\_\_\_\_\_

**Year 6 Music**

## Lean On Me - Bill Withers



Watch the clip below

<https://www.youtube.com/watch?v=qkaexjc-1os>

What is the song about? How do you know? Can you find evidence from the song?

How does the song make you feel? Explain your answer.

Have a go at learning the song - can you sing it in the correct pitch and tempo?

