

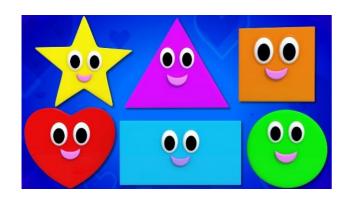
# Autumn 1 Half term

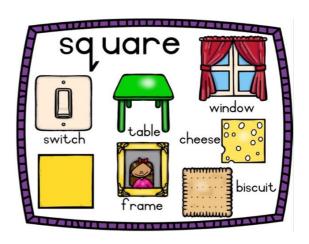
Please submit a picture of your work to:

mathschallenge@ictcathedral.org.uk

## **EYFS (Nursery and Reception)**

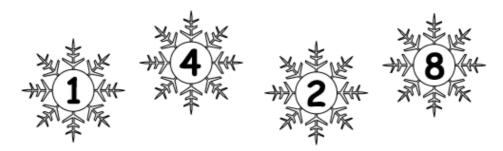
Go on a shape hunt in your house. What shapes can you find? Draw the shapes on a piece of paper, and as an extra challenge, see if you can count the number of sides and corners that each shape has.





## KS1 (Year 1 & 2)

Choose from these numbers.



- 1. Pick a pair of numbers. Add them together. Write the numbers and the answer.
  - Pick a different pair of numbers. Write the numbers and the answer. Keep doing it. How many different answers can you get?
- 2. Now take away one number from the other. How many different answers can you get now?

#### KS2 (Year 3 & 4)



Some Tripods and Bipods flew from planet Zeno. There were at least two of each of them.

Tripods have 3 legs. Bipods have 2 legs. There were 23 legs altogether. How many Tripods were there? How many Bipods? Find two different answers.

#### KS2 (Year 5 & 6)



- 1. If you watched all of these films, one after the other, how long would it take? Give your answer in:
  - a. minutes
  - b. hours
- 2. If you started watching all the films at 9:15am, what time would you finish? (No breaks!)
- 3. Which three films have a total time of 5 hours and 39 minutes?

(Hint: A timeline can help with these questions)