

Maths in our surroundings

For each slide, answer the questions given.

Think of your own maths questions that you could ask someone based on the pictures.

When you've finished, think of some maths questions that you could ask someone about the room you are in (e.g. 'Find all the factors of the number of board pens').

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What mathematical shapes can you see in the photographs?



reveal reveal reveal reveal reveal

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What is the ratio of male to female ducks in this picture?
(Males have green heads, females are all brown.)

reveal

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1. Which is the oldest house and by how much?
2. Which house shares a date with a famous historical event? What happened?



reveal answer one

reveal answer two

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How far is ...

Carlisle from Uldale

reveal

Wigton from Uldale

reveal

Wigton from Carlisle?

reveal

Are there any ...

prime numbers

reveal

square numbers

reveal

cube numbers?

reveal

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What's the latest you can post a letter and still have it collected on Tuesday?

reveal

If you post a letter here at 11.45am on Wednesday, how long will it be before it is collected?

reveal

If you post a letter at 8.30pm on Friday, how long until it is collected?

reveal

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What's the maximum time you can park at the Old Smithy without having to get permission?

reveal

These photographs were taken on the same day. What day could it have been?

reveal



What do all of these photographs have in common?

reveal



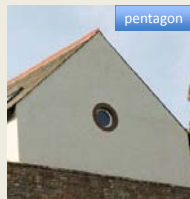
Name the shapes!

Can you think of any other real-world examples?

Click on the image to reveal the answer.



triangle



pentagon



heptagon



circle



octagon



hexagon



rectangle