



7. Cedric had to go to 8 services in the **Abbey Church** every day - starting at 2 o'clock in the morning.

He counted the big pillars ____ .

He looked at the big window in the tower. He counted the big sections.

How many are there? ____

Then he counted the small sections.

How many are there? ____

Cedric looked at the different tile patterns.
Draw a different pattern in each box.



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Cedric's Maths Trail

Year 1

Name

Cedric, a monk at Fountains Abbey, has to do some maths at the Abbey for the Abbot. Walk down to the Abbey with Cedric and see if you can help him.



1. Cedric looked at the long building in front of him. He had to count all the upstairs windows.

How many could he see?

Cedric looked at the 2 different window shapes in the Cellarium downstairs. Draw each window shape.



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2. Cedric looked at all the pillars in the **Cellarium**.
Estimate the number of pillars with him _____

Now count the pillars by walking from one end to the other.

There are _____ pillars.



3. In the middle of the **Cloister**
Cedric saw a big stone trough.
How many sides does it have?

What is this shape called?

4. Cedric went into the **Chapter House** where they had their meetings.
How many pillars can you see?

Look on the wall above the seats for masons' marks. Draw two marks.

5. In the **Refectory** where they ate their meals Cedric had to work out the size of the room.
How long is it in strides?

How wide is it in strides?

What shape is the Refectory?



6. Cedric also had to measure the **Warming Room**.
Work with a partner and measure the room.

Length _____ metres

Width _____ metres

He looked at the stones just above the fireplace. They are called 'joggle stones' and fit together like jigsaw puzzle pieces.

How many stones could he see? _____

Look at the blocked up fireplace.
Count the line of stones.

Is the number the same? Yes/No



Draw the joggle stones below.