

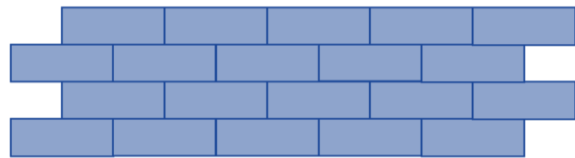
Building patterns

There are many beautiful patterns all around us, including ones in buildings that are there to make the building stronger or to look beautiful.

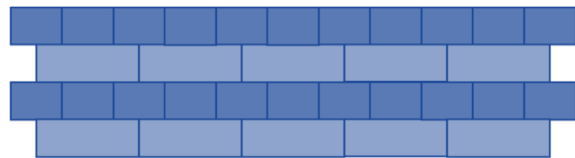
Here are some examples of brickwork patterns. Look at a building near you. Can you see any of these patterns?



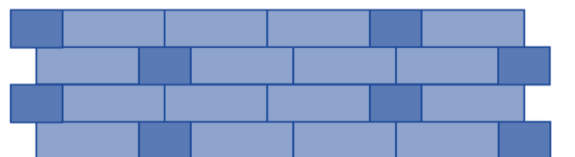
1. Continuous stretcher bond



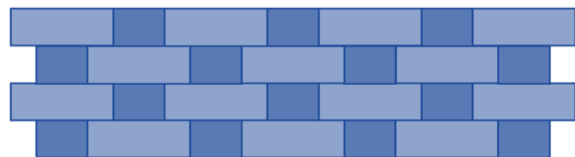
2. English bond



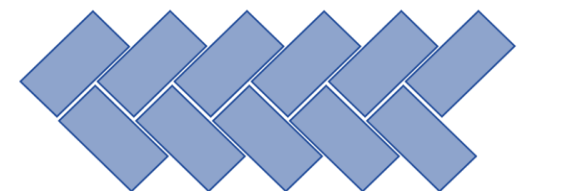
3. Sussex bond



4. Flemish bond



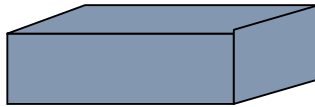
5. Herringbone



Your Task:

Chose a brick and measure it.

Record the measurements on the diagram



Your Task:

For each bond (except herringbone) work out how many bricks are needed to build a wall 1 metre long and 50cm high?

You can ignore the width of the mortar between the bricks

Continuous stretcher bond:

English bond:

Sussex bond:

Flemish bond:

Have a look at the buildings you see around the Museum. Which bond is used most frequently?

Why do you think this is the most popular?

Which bond do you think is the strongest? Why?

Your Task:

Can you find any other patterns of brickwork?

Draw any other ones that you see in the space below.