

It was harder in my day ...

Here are five sample questions from the brickwork section of the GCSE paper. Answers can be found on the back page (no peeking)

1. Which five tasks would a bricklayer be expected to do? Ring the right answers

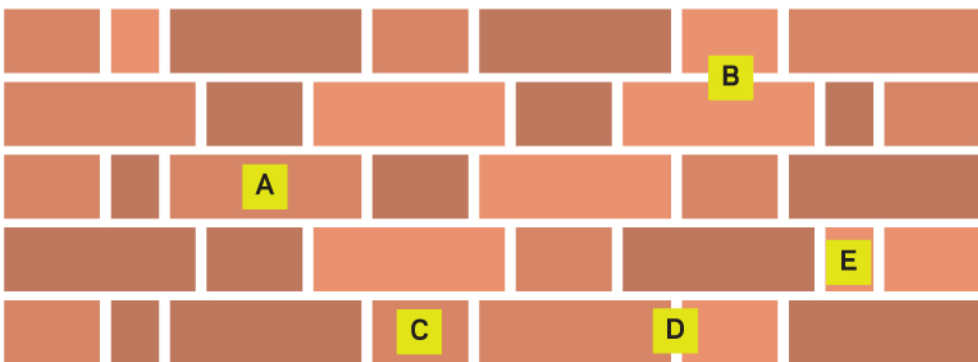
Laying bricks, erecting stud walls, mixing mortar, erecting trussed rafters, hanging wallpaper, laying blocks, hanging/fitting doors, laying a damp proof course, mixing plaster, sanding woodwork, steel floating a concrete slab, pointing or joining

2. Choose from the options shown to complete the sentence.

When building straight walls, bricks should be laid to (straights, line, bed, joints) and (level, uprights, bed, quality) with a (5mm, 10mm, 15mm, 20mm) mortar joint.

They should be laid with the (hollow, frog, top, face) uppermost and the vertical joints must be (filled, cleaned, rubbed, brushed) with mortar.

3. Below is a section of brickwork laid in Flemish bond. Identify the different parts labelled by selecting from the available answers.



- | | | | | |
|------------|-----------|-------------|----------|--------------|
| A | B | C | D | E |
| Header | Bed joint | Small brick | Perpend | Cut brick |
| Block | Perpend | Stretcher | Upright | Infill piece |
| Long Brick | Gap | Header | Frog | Header |
| Stretcher | Line | Block | Gap | Queen closer |

4. Complete the sentences below by filling in the missing word.

- Toe boards, brick nets and guard rails are used on ___ to prevent people or objects falling off.
- A ___ rod is used for setting out brickwork and blockwork.
- A ___ is used to support the bricklayer's line to prevent sag.
- The majority of mortars are a mixture of sand, lime and cement. The lime is used to make the cement more ___.

5. The table below shows the quantity of materials needed to complete a brickwork project and the price of the material. Using the pricing list of materials and the information provided in the table, calculate the missing prices for the four shaded boxes.

Price list of materials: facing bricks £350 per 1,000, common bricks £125 per 1,000, insulation blocks £12.50 per m², 100mm solid blocks £9 per m², mortar £125 per m³

Material	Quantity	Price	Total
Facing bricks	7000	£0.35	A
Common bricks	3000	£0.125	£375
Insulation blocks	100m ²	£12.50	£1250
100mm solid blocks	75m ²	B	C
Mortar	5m ³	£125	£625
Total			D