



Level 1 and 2

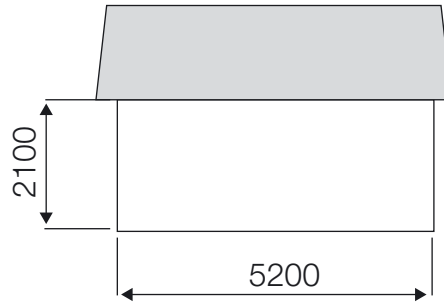


Focus on Trowel Occupations maths quiz

- 1 Look at the diagram of the garage below.

What is the area of this garage wall?

- A 10.92 mm²
- B 10.92 m²
- C 10.92 m
- D 7.3 m²

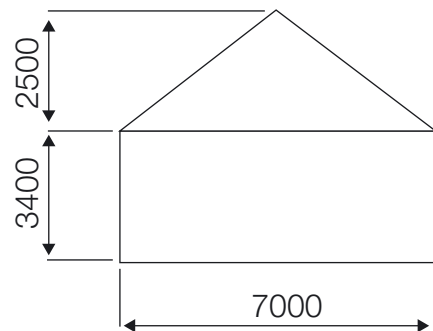


Answer:

- 2 This wall has a gable end.

What is the total area of the wall and gable end?

- A 41.3 m²
- B 32.55 m
- C 32.55 m²
- D 44.45 m²

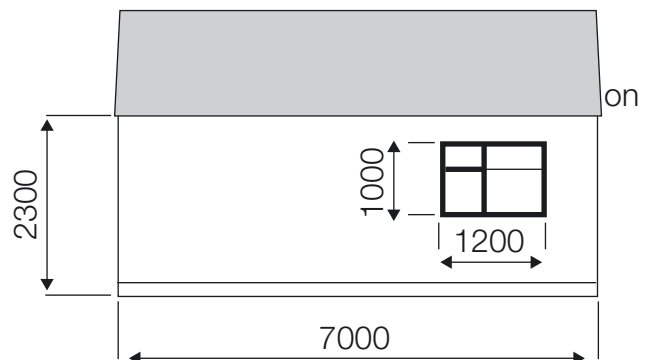


Answer:

- 3 This garage has a window.

What is the area of brickwork
the garage wall?

- A 17.3 m²
- B 14.9 m²
- C 16.1 m²
- D 1.2 m²



Answer:



4 The length of a block is 450 mm (including a 10 mm mortar bond). The height of a block is 225 mm (including a 10 mm mortar board). How many blocks will you need to build a wall with an area of 12 m²?

- A 118
- B 100
- C 50
- D 119

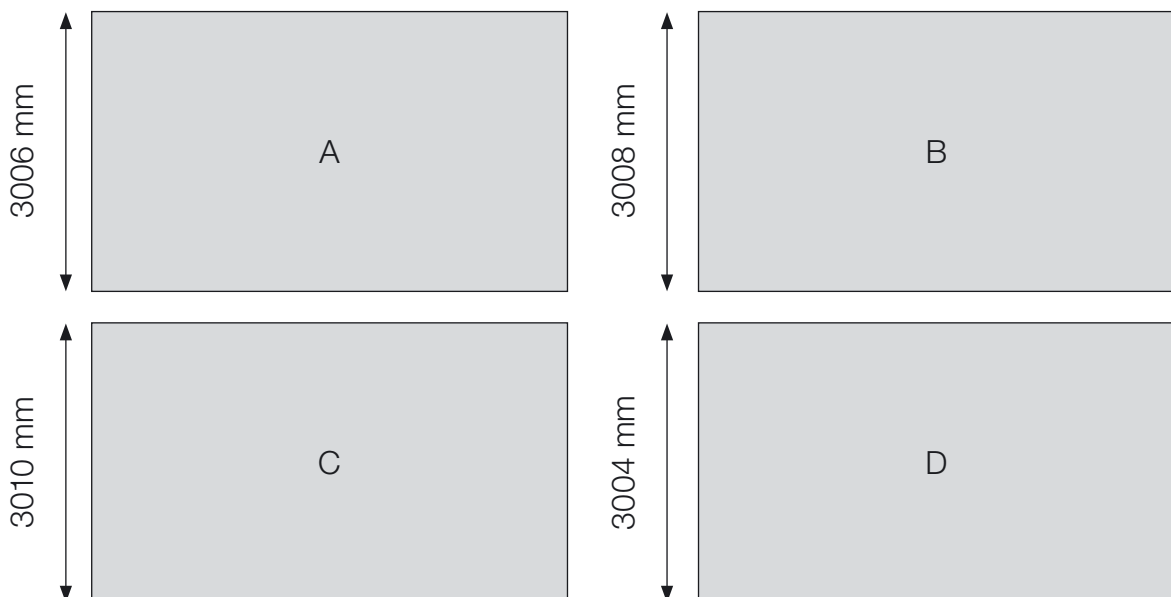
Answer:

5 You have worked out that you need 250 blocks to complete a job. Allowing five per cent for wastage, how many should you order?

- A 262
- B 237
- C 263
- D 238

Answer:

6 These walls have been built to gauge with regular joint thickness.



The tolerance is ± 5 mm in 3 m height. Which wall meets the required standard?

- A C
- B B
- C D
- D A

Answer:



7 An experienced bricklayer can lay approximately 1 m² of brickwork per hour. How long will it take to lay 6 m² of brickwork?

- A 60 minutes
- B 6 hours
- C 0.17 hours
- D 60 hours

Answer:

8 Look at this programme of work.

Week commencing	18 Apr	25 Apr	2 May	9 May	16 May	23 May
Setting out	■					
Excavate foundation trenches		■				
Lay concrete foundations			■			
Brickwork to DPC			■			
Hardcore/concrete to ground floor				■		
Brickwork to first floor				■		
First floor joists					■	
Brickwork to eaves					■	
Roof structure						■
Tile roof						■

On what date is work to excavate the foundation trenches planned to start?

- A 20 April
- B 21 April
- C 22 April
- D 25 April

Answer:

9 On what date is work to the first floor joists planned to start?

- A 9 May
- B 10 May
- C 11 May
- D 12 May

Answer:

