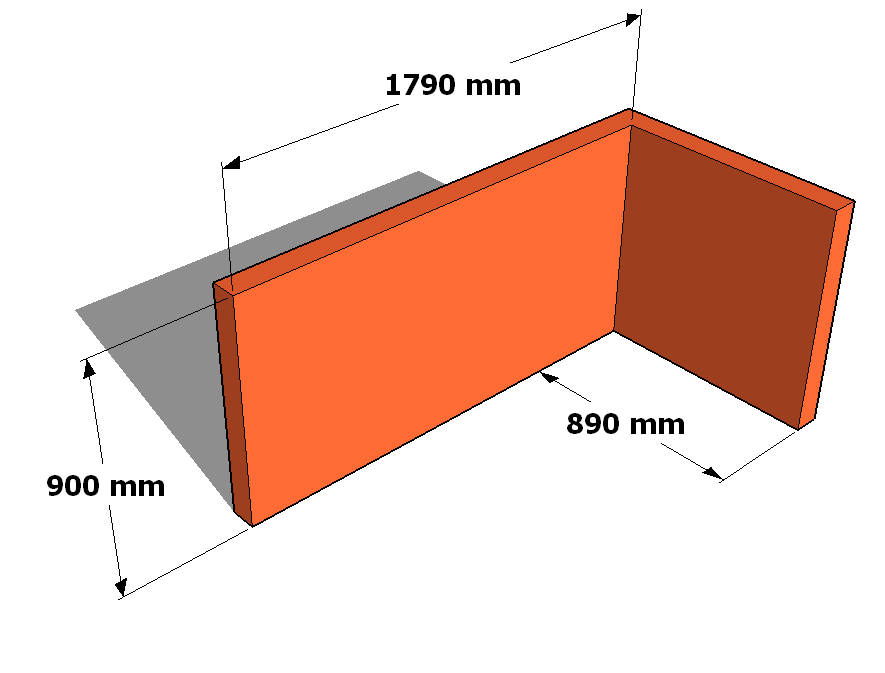
Unit 107: Working with brick, block and stone

# Worksheet 23: Calculating quantities – area (3) (tutor)

Learners should work independently to answer the questions and show their full workings out.

1. Work out the area of this wall in m² and multiply the answer by 60 to give you the number of bricks required for this half-brick wall.

Then work out 5% of the total number of bricks to give an allowance for wastage. Round all figures to the nearest whole number. (Hint: Working out the percentage is easy. Just multiply the number of bricks by the percentage number (e.g. 5) and then divide by 100.)



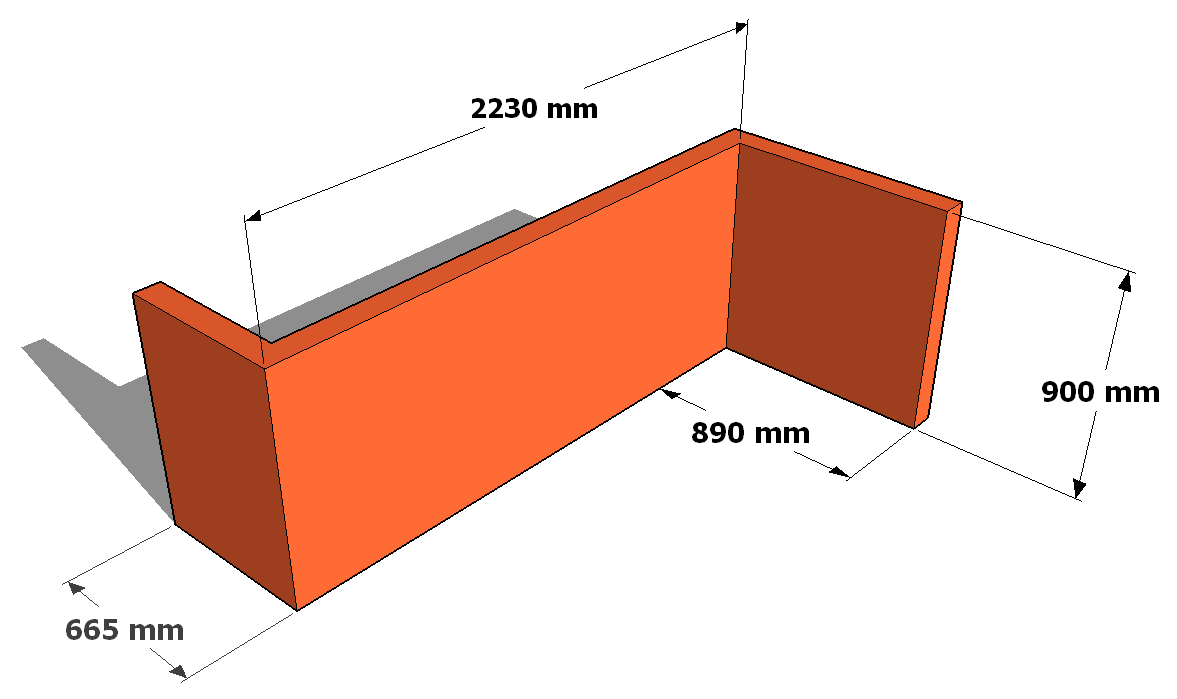
Answers:

Area in m²: 2.41m²

Number of bricks required: 145 bricks

5%: 7 (bricks for wastage)

1. Try doing the same with this wall.



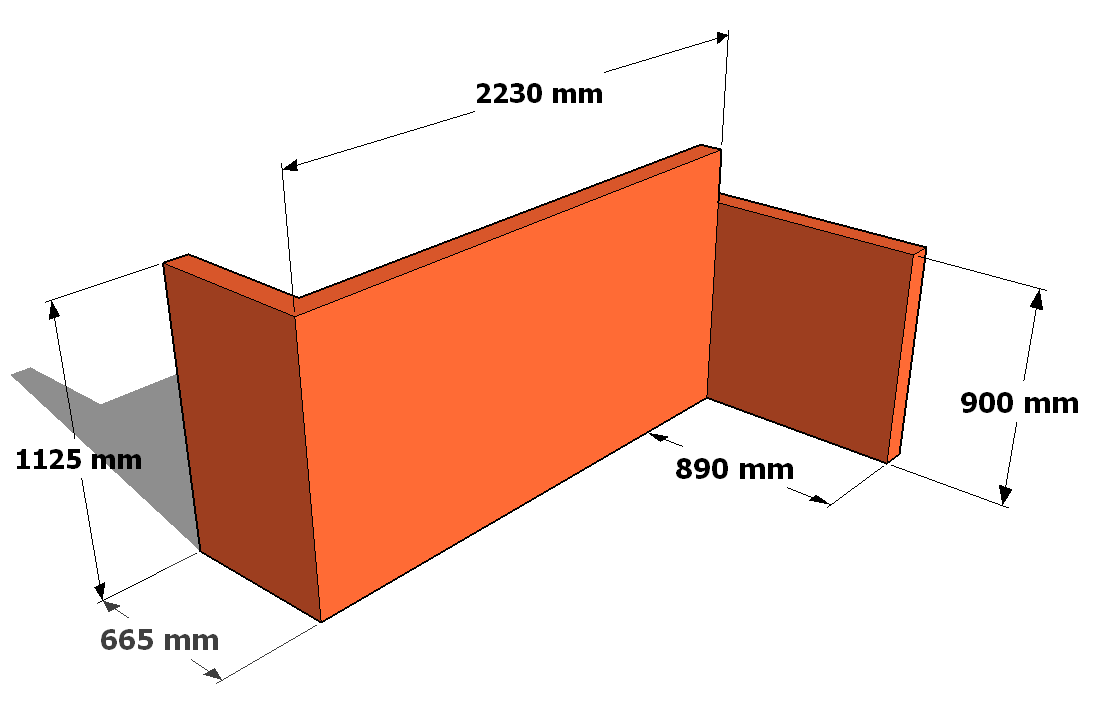
Answers:

Area in m²: 3.41m²

Number of bricks required: 205 bricks

5%: 10 (bricks for wastage)

1. Now try this one. This is a bit more difficult, so take your time and think carefully.



Answers:

Area in m²: 4.06m²

Number of bricks required: 244

5%: 12 (bricks for wastage)