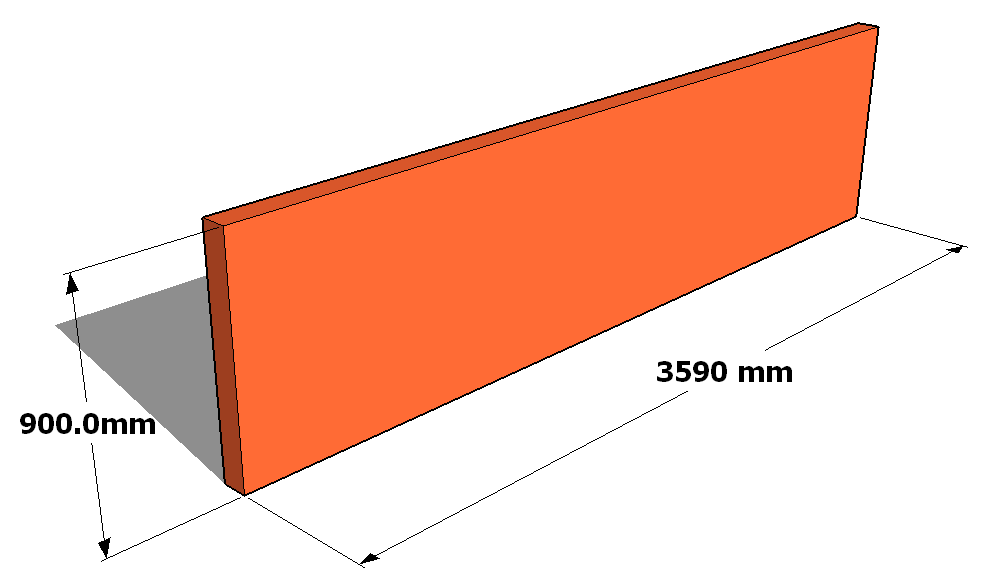
Unit 107: Working with brick, block and stone

# Worksheet 22: Calculating quantities – area (2) (tutor)

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

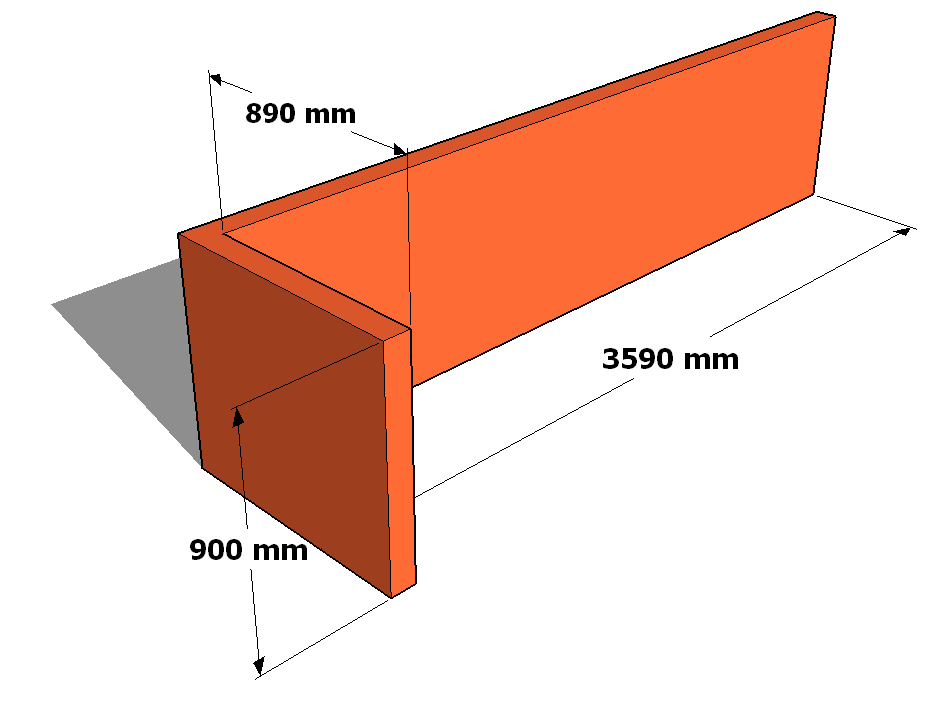
1. Work out the area of this wall in m² and multiply the answer by 60 (bricks per m²) to give you the number of bricks required for this half-brick wall. (Hint: It makes it easier if we convert millimetres into metres first. Simply move the decimal point three places to the left.)



Answer: Area of wall 3.23m²

Number of bricks required: 193.8, round up to 194 bricks

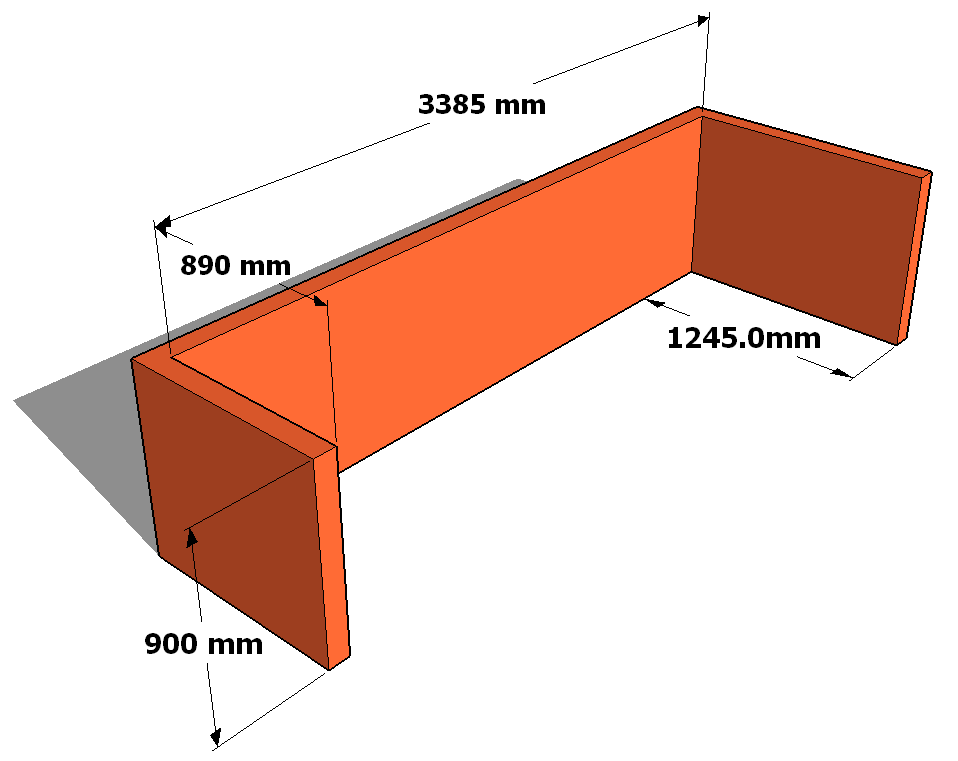
1. Try working out the area of the long face and the return of this half-brick wall.



Answer: Area of wall 4.03m²

Number of bricks required: 241.8, round up to 242 bricks

1. This one is a bit more difficult. Work out the area of all the faces of this half-brick wall.



Answer: Area of wall 4.97m²

Number of bricks required: 298.2, round down to 298 bricks