

## Area (Squares)

Date:

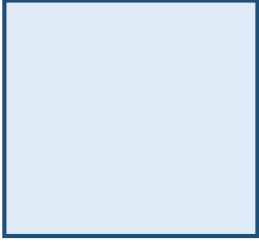
Name:

<http://www.learnersgrid.com>

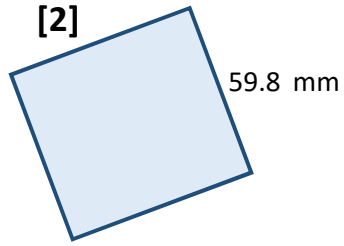
Use the formula, " $A = s^2$ ", to give the area of each square below and show ALL YOUR WORKING!

*Use your calculator!*

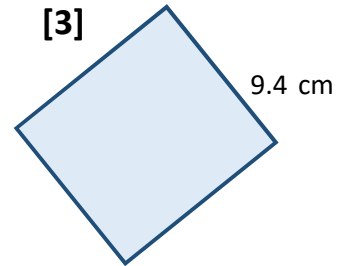
[1] 56.2 mm



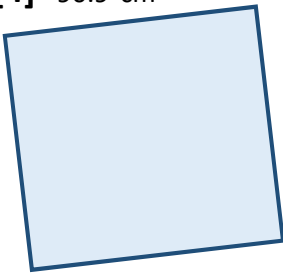
[2]



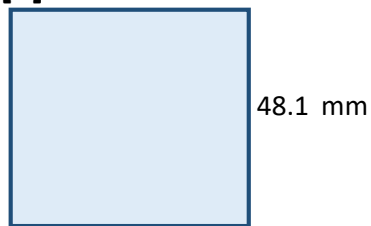
[3]



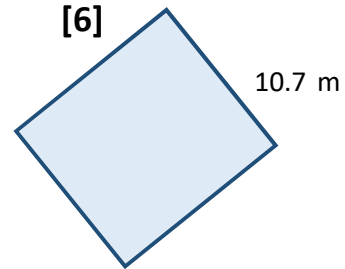
[4] 90.9 cm



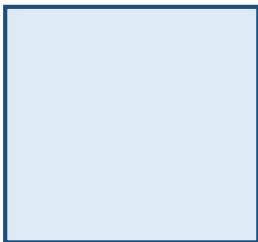
[5]



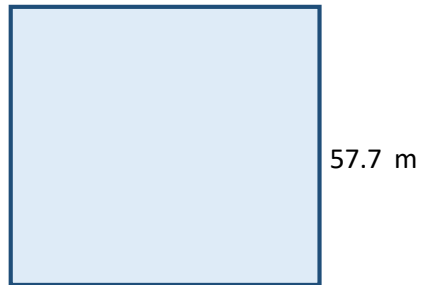
[6]



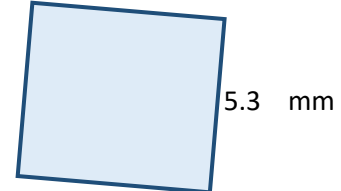
[7] 83.8 mm



[8]



[9]



# ANSWERS

Use the formula, " $A = s^2$ ", to give the area of each square below and show ALL YOUR WORKING!

<http://www.learnersgrid.com>

Use your calculator!

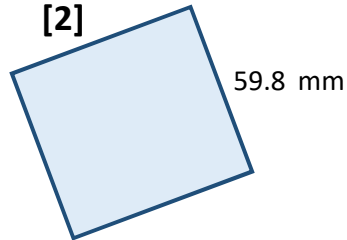
[1] 56.2 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (56.2)^2 \\ A &= 3158.44 \text{ mm}^2 \end{aligned}$$

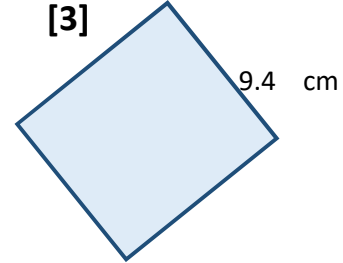
[2]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (59.8)^2 \\ A &= 3576.04 \text{ mm}^2 \end{aligned}$$

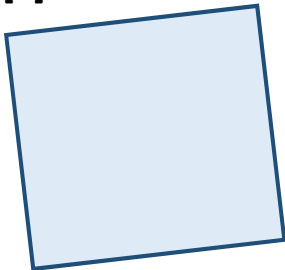
[3]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (9.4)^2 \\ A &= 88.36 \text{ cm}^2 \end{aligned}$$

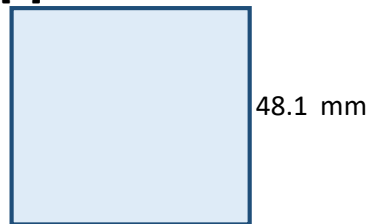
[4] 90.9 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (90.9)^2 \\ A &= 8262.81 \text{ cm}^2 \end{aligned}$$

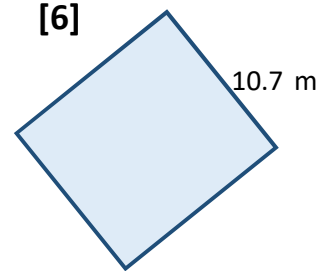
[5]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (48.1)^2 \\ A &= 2313.61 \text{ mm}^2 \end{aligned}$$

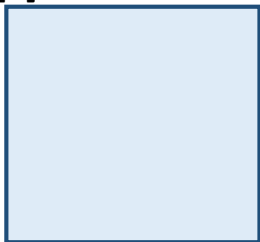
[6]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (10.7)^2 \\ A &= 114.49 \text{ m}^2 \end{aligned}$$

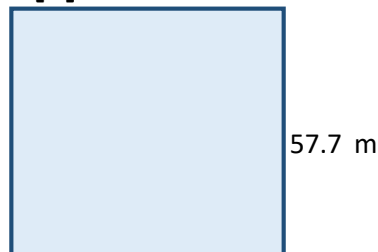
[7] 83.8 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (83.8)^2 \\ A &= 7022.44 \text{ mm}^2 \end{aligned}$$

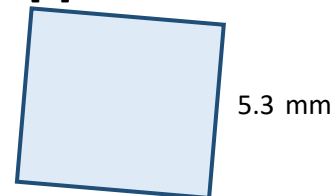
[8]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (57.7)^2 \\ A &= 3329.29 \text{ m}^2 \end{aligned}$$

[9]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (5.3)^2 \\ A &= 28.09 \text{ mm}^2 \end{aligned}$$