

## Area (Squares)

Date:

Name:

<http://www.learnersgrid.com>

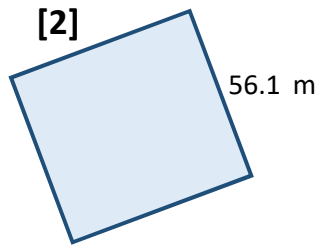
Use the formula, " $A = s^2$ ", to give the area of each square below and show ALL YOUR WORKING!

*Use your calculator!*

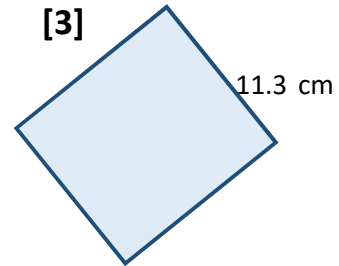
[1] 65.8 cm



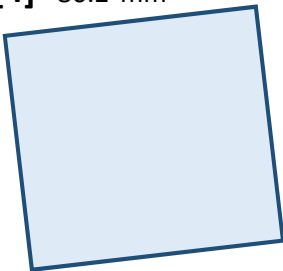
[2]



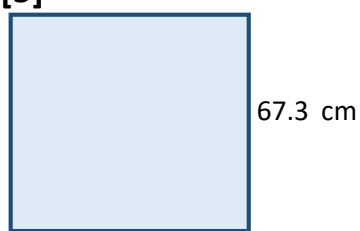
[3]



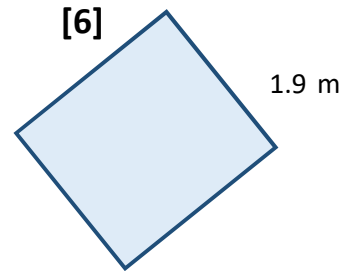
[4] 86.2 mm



[5]



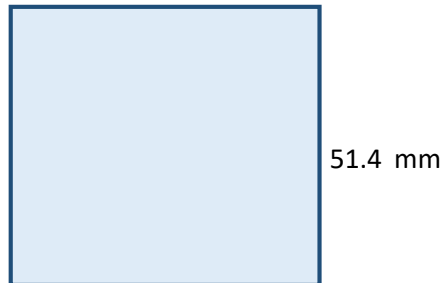
[6]



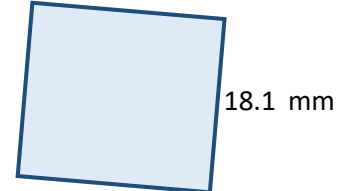
[7] 81.9 mm



[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!

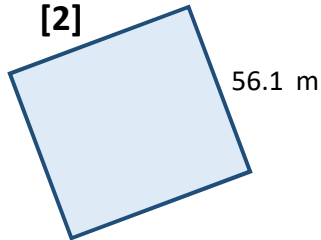
[1] 65.8 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (65.8)^2 \\ A &= 4329.64 \text{ cm}^2 \end{aligned}$$

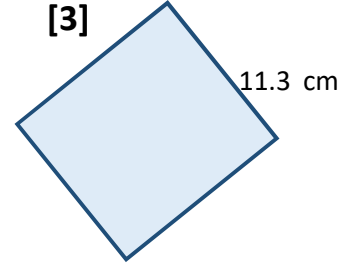
[2]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (56.1)^2 \\ A &= 3147.21 \text{ m}^2 \end{aligned}$$

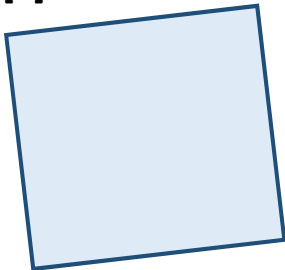
[3]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (11.3)^2 \\ A &= 127.69 \text{ cm}^2 \end{aligned}$$

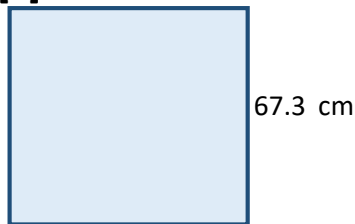
[4] 86.2 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (86.2)^2 \\ A &= 7430.44 \text{ mm}^2 \end{aligned}$$

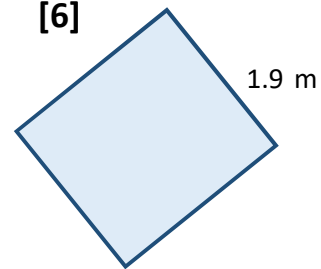
[5]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (67.3)^2 \\ A &= 4529.29 \text{ cm}^2 \end{aligned}$$

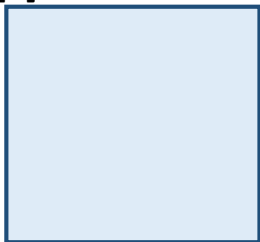
[6]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (1.9)^2 \\ A &= 3.61 \text{ m}^2 \end{aligned}$$

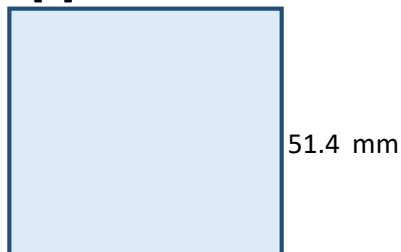
[7] 81.9 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (81.9)^2 \\ A &= 6707.61 \text{ mm}^2 \end{aligned}$$

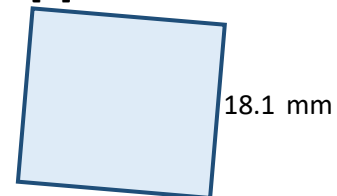
[8]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (51.4)^2 \\ A &= 2641.96 \text{ mm}^2 \end{aligned}$$

[9]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (18.1)^2 \\ A &= 327.61 \text{ mm}^2 \end{aligned}$$