

Area (Squares)

Date:

Name:

<http://www.learnersgrid.com>

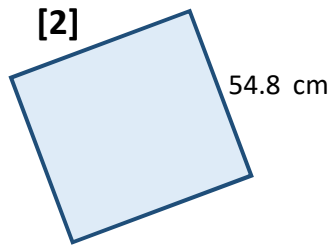
Use the formula, " $A = s^2$ ", to give the area of each square below and show ALL YOUR WORKING!

Use your calculator!

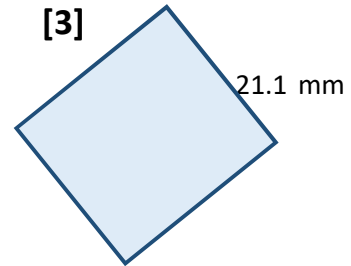
[1] 61.9 cm



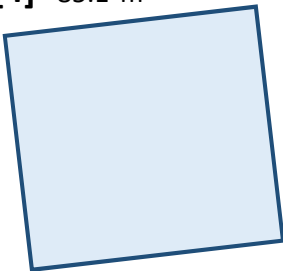
[2]



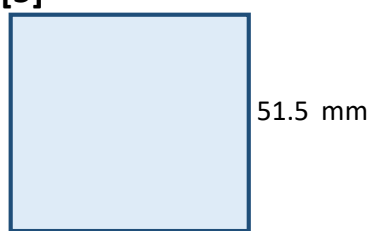
[3]



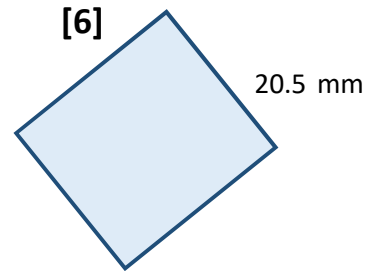
[4] 85.1 m



[5]



[6]



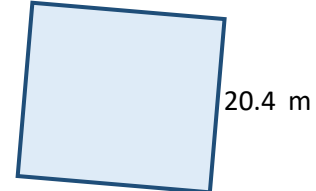
[7] 87.9 cm



[8]



[9]



ANSWERS

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

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Use your calculator!

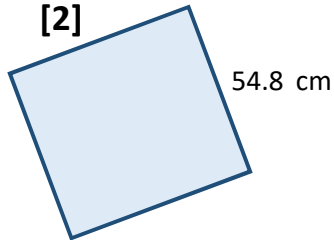
[1] 61.9 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (61.9)^2 \\ A &= 3831.61 \text{ cm}^2 \end{aligned}$$

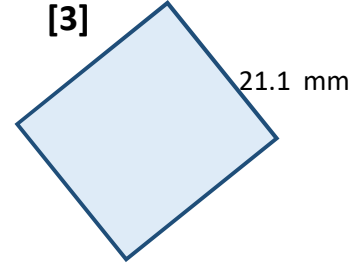
[2]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (54.8)^2 \\ A &= 3003.04 \text{ cm}^2 \end{aligned}$$

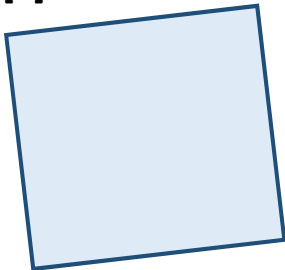
[3]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (21.1)^2 \\ A &= 445.21 \text{ mm}^2 \end{aligned}$$

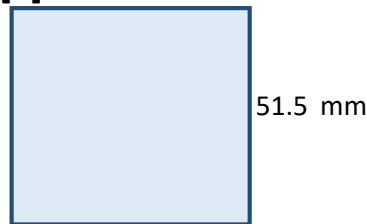
[4] 85.1 m



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (85.1)^2 \\ A &= 7242.01 \text{ m}^2 \end{aligned}$$

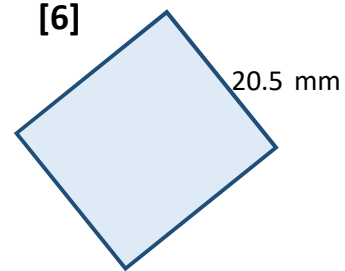
[5]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (51.5)^2 \\ A &= 2652.25 \text{ mm}^2 \end{aligned}$$

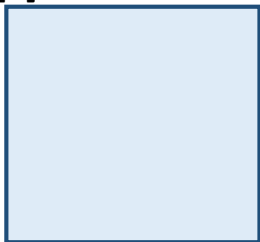
[6]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (20.5)^2 \\ A &= 420.25 \text{ mm}^2 \end{aligned}$$

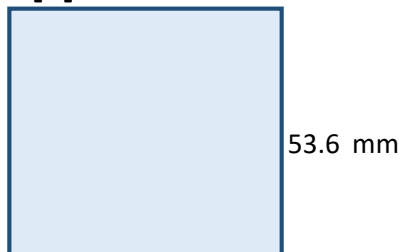
[7] 87.9 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (87.9)^2 \\ A &= 7726.41 \text{ cm}^2 \end{aligned}$$

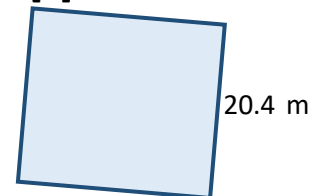
[8]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (53.6)^2 \\ A &= 2872.96 \text{ mm}^2 \end{aligned}$$

[9]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (20.4)^2 \\ A &= 416.16 \text{ m}^2 \end{aligned}$$