

Area (Squares)

Date:

Name:

<http://www.learnersgrid.com>

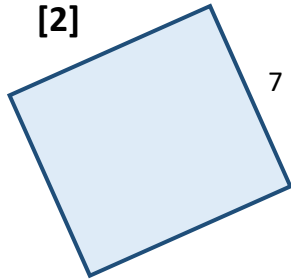
Use the formula, " $A = s^2$ ", to give the area of each square below and show ALL YOUR WORKING!

Use your calculator!

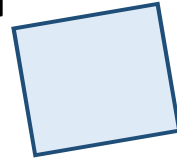
[1] 5 mm



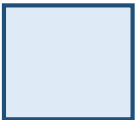
[2] 7 cm



[3] 9 mm



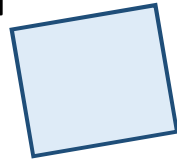
[4] 10 cm



[5] 15 cm



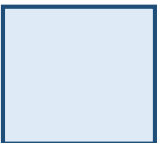
[6] 17 mm



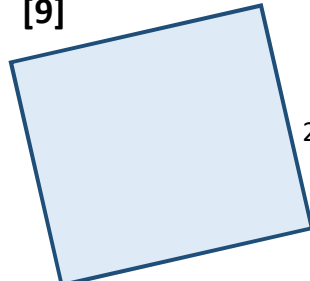
[7] 20 cm



[8] 21 mm



[9] 24 cm



ANSWERS

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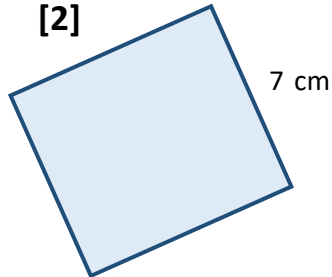
[1] 5 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (5)^2 \\ A &= 25 \text{ mm}^2 \end{aligned}$$

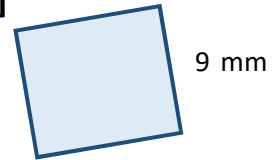
[2]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (7)^2 \\ A &= 49 \text{ cm}^2 \end{aligned}$$

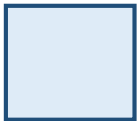
[3]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (9)^2 \\ A &= 81 \text{ mm}^2 \end{aligned}$$

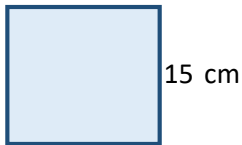
[4] 10 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (10)^2 \\ A &= 100 \text{ cm}^2 \end{aligned}$$

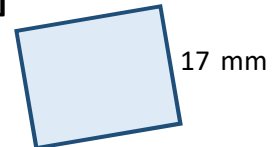
[5]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (15)^2 \\ A &= 225 \text{ cm}^2 \end{aligned}$$

[6]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (17)^2 \\ A &= 289 \text{ mm}^2 \end{aligned}$$

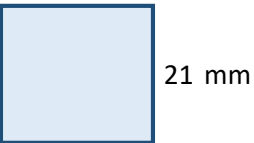
[7] 20 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (20)^2 \\ A &= 400 \text{ cm}^2 \end{aligned}$$

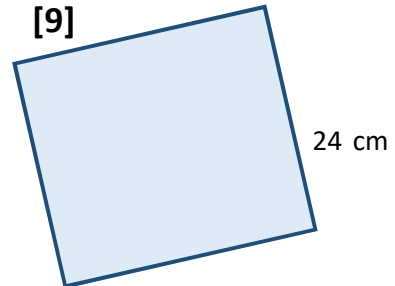
[8]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (21)^2 \\ A &= 441 \text{ mm}^2 \end{aligned}$$

[9]



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (24)^2 \\ A &= 576 \text{ cm}^2 \end{aligned}$$