

Area (Squares)

Date:

Name:

<http://www.learnersgrid.com>

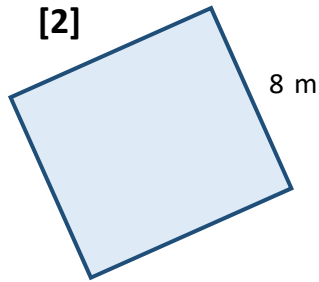
Use the formula, " $A = s^2$ ", to give the area of each square below and show ALL YOUR WORKING!

Use your calculator!

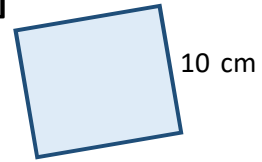
[1] 6 mm



[2]



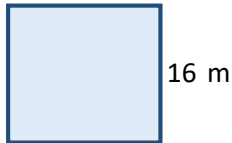
[3]



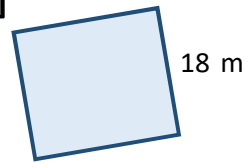
[4] 11 cm



[5]



[6]



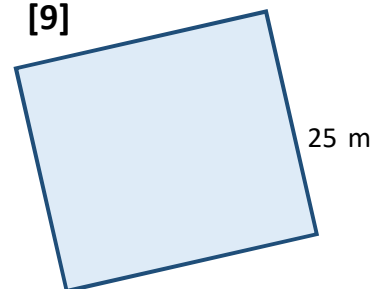
[7] 21 cm



[8]



[9]



ANSWERS

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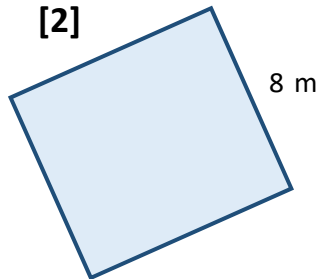
[1] 6 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (6)^2 \\ A &= 36 \text{ mm}^2 \end{aligned}$$

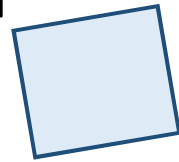
[2] 8 m



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (8)^2 \\ A &= 64 \text{ m}^2 \end{aligned}$$

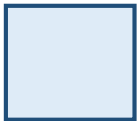
[3] 10 cm



worked solution:

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

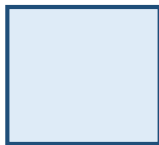
[4] 11 cm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (11)^2 \\ A &= 121 \text{ cm}^2 \end{aligned}$$

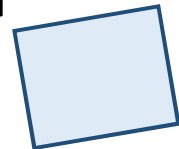
[5] 16 m



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (16)^2 \\ A &= 256 \text{ m}^2 \end{aligned}$$

[6] 18 m



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (18)^2 \\ A &= 324 \text{ m}^2 \end{aligned}$$

[7] 21 cm



worked solution:

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

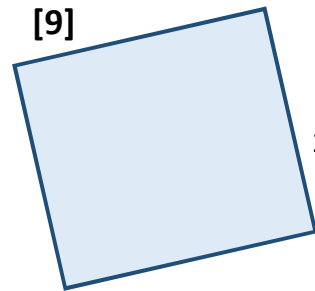
[8] 22 mm



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (22)^2 \\ A &= 484 \text{ mm}^2 \end{aligned}$$

[9] 25 m



worked solution:

$$\begin{aligned} A &= s^2 \\ A &= (25)^2 \\ A &= 625 \text{ m}^2 \end{aligned}$$