Area (Squares)

Date:

Name:

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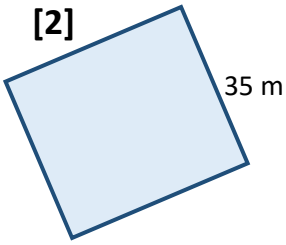
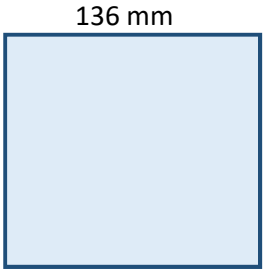
Give the area of each square below.
Use your calculator! Round to 1 d.p.

[1]

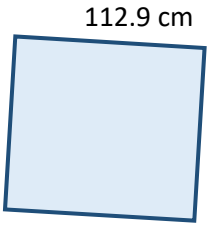
[2]



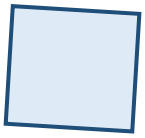
[3]



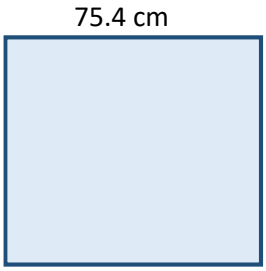
[4]



[5]

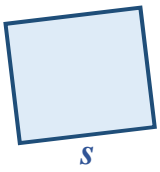


[6]



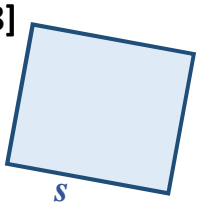
Given the area, give the missing length of the side of each square below. Use your calculator! Round to 1 d.p.

[7]



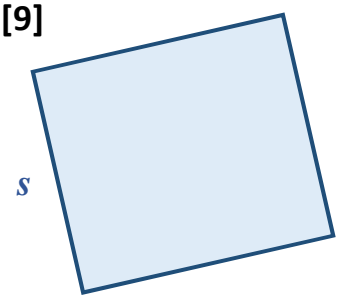
[7] A = 100 m²

[8]



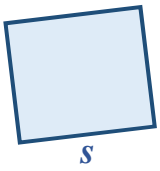
[8] A = 121 mm²

[9]



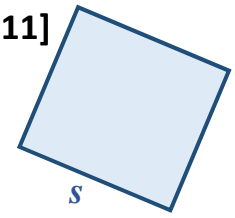
[9] A = 196 mm²

[10]



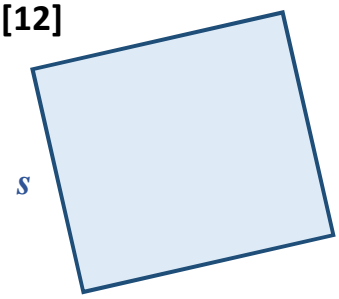
[10] A = 182.3 cm²

[11]



[11] A = 278.9 m²

[12]



[11] A = 501.8 m²

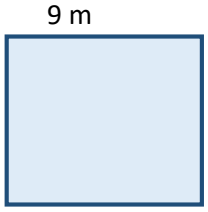
ANSWERS

Area (Squares)

Give the area of each square below.
Use your calculator! Round to 1 d.p.

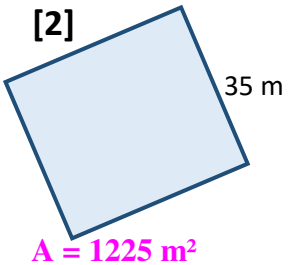
http://www.learnersgrid.com

[1]



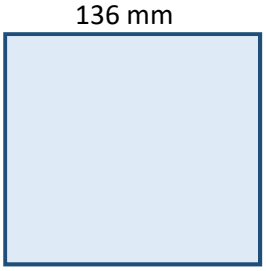
A = 81 m²

[2]



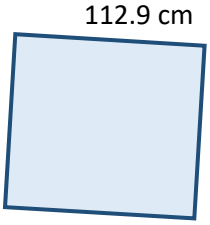
A = 1225 m²

[3]



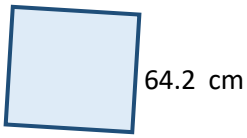
A = 18496 mm²

[4]



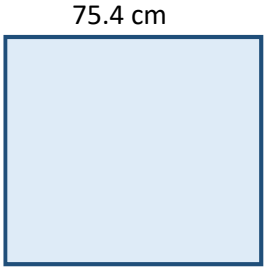
A = 12746.4 cm²

[5]



A = 4121.6 cm²

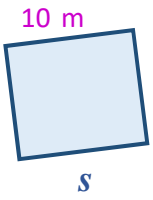
[6]



A = 5685.2 cm²

Given the area, give the missing length of the side of each square below. Use your calculator! Round to 1 d.p.

[7]



[7] A = 100 m²

worked solution:

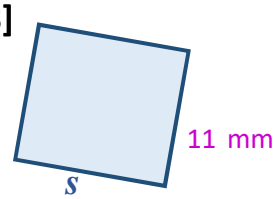
$A = s^2$

$\sqrt{100}$ $100 = s^2$ $\sqrt{s^2}$

$10.0 = s$

s = 10 m

[8]



[8] A = 121 mm²

worked solution:

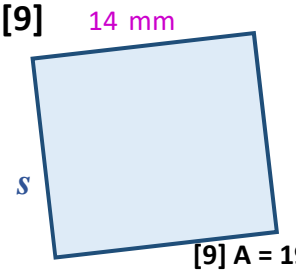
$A = s^2$

$\sqrt{121}$ $121 = s^2$ $\sqrt{s^2}$

$11.0 = s$

s = 11 mm

[9]



[9] A = 196 mm²

worked solution:

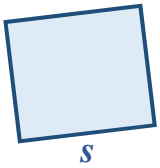
$A = s^2$

$\sqrt{196}$ $196 = s^2$ $\sqrt{s^2}$

$14.0 = s$

s = 14 mm

[10]



[10] A = 182.3 cm²

worked solution:

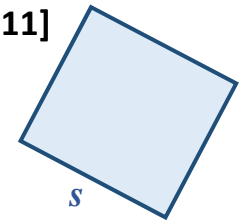
$A = s^2$

$\sqrt{182.3}$ $182.3 = s^2$ $\sqrt{s^2}$

$13.5 = s$

s = 13.5 cm

[11]



[11] A = 278.9 m²

worked solution:

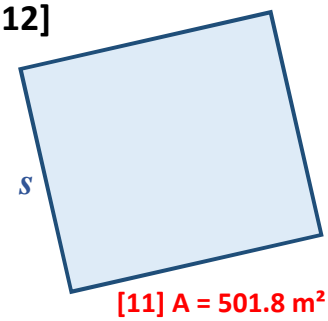
$A = s^2$

$\sqrt{278.9}$ $278.9 = s^2$ $\sqrt{s^2}$

$16.7 = s$

s = 16.7 m

[12]



[11] A = 501.8 m²

worked solution:

$A = s^2$

$\sqrt{501.8}$ $502 = s^2$ $\sqrt{s^2}$

$22.4 = s$

s = 22.4 m