

Area and Perimeter (Squares and Rectangles)

Name:

Date:

Round to 2 d.p. if necessary.

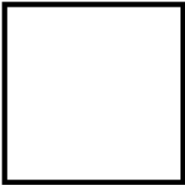
<http://www.learnersgrid.com>

[1] Use formulae and show ALL YOUR WORKING!

Area =

Perimeter =

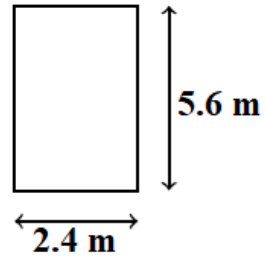
12.4 cm



[2] Use formulae and show ALL YOUR WORKING!

Area =

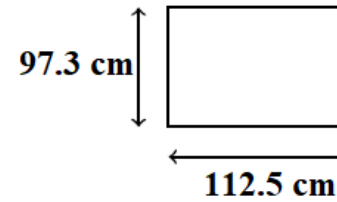
Perimeter =



[3] Use formulae and show ALL YOUR WORKING!

Area =

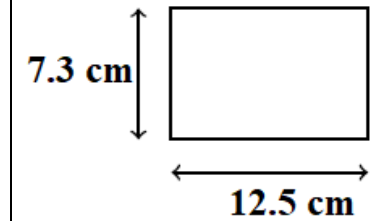
Perimeter =



[4] Use formulae and show ALL YOUR WORKING!

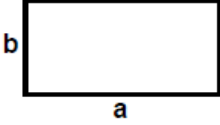
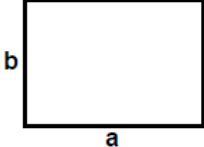
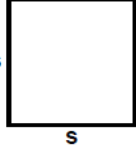
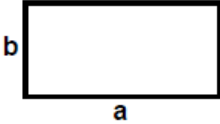
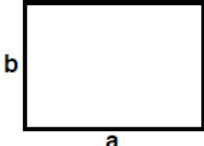
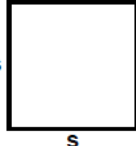
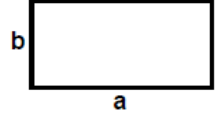
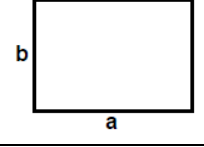
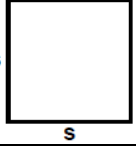
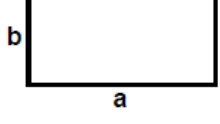
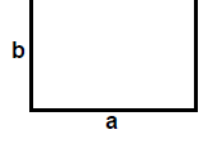

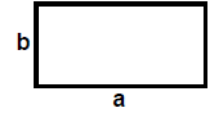
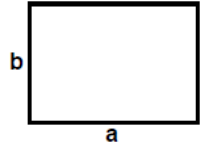
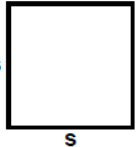
Area =

Perimeter =



Answers only (You do not need to show your working. Use your calculators and work quickly. The aim is to find each solution **quickly** and **accurately!**) **Round to 2 d.p. if necessary.**

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<p>[4] side a = 4.5 cm; side b = 2.6 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[5] side a = 92.3 cm; side b = 65.8 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[6] side = 42.8 cm</p> <p>Area =</p> <p>Perimeter =</p> 
<p>[7] side a = 54.5 cm; side b = 42.6 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[8] side a = 12.3 m; side b = 6.4 m</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[9] side = 492.3 cm</p> <p>Area =</p> <p>Perimeter =</p> 
<p>[10] side a = 133.4 m; side b = 92.6 m</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[11] side a = 42.7 m; side b = 35.8 m</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[12] side = 812.1 m</p> <p>Area =</p> <p>Perimeter =</p> 
<p>[13] side a = 6.5 cm; side b = 4.7 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[14] side a = 22.6 cm; side b = 15.9 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[15] side = 33.2 cm</p> <p>Area =</p> <p>Perimeter =</p> 
<p>[16] side a = 4.5 cm; side b = 2.6 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[17] side a = 92.3 cm; side b = 65.8 cm</p> <p>Area =</p> <p>Perimeter =</p> 	<p>[18] side = 42.8 cm</p> <p>Area =</p> <p>Perimeter =</p> 

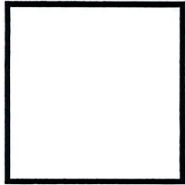
Round to 2 d.p. if necessary.

[1] Use formulae and show ALL YOUR WORKING!

Area = 153.76 cm^2

Perimeter = 49.6 cm

12.4 cm



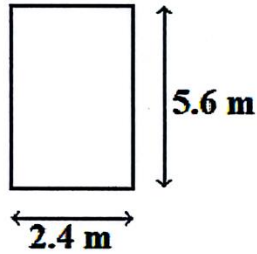
$A = s^2$
 $A = (12.4)^2$
 $A = 153.76$

$P = 4s$
 $P = 4(12.4)$
 $P = 49.6$

[2] Use formulae and show ALL YOUR WORKING!

Area = 13.44 m^2

Perimeter = 16 m



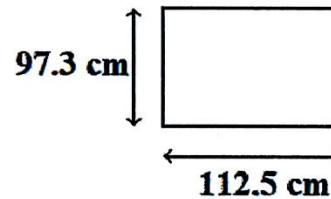
$A = L \times W$
 $A = (5.6)(2.4)$
 $A = 13.44$

$P = 2(L + W)$
 $P = 2(5.6 + 2.4)$
 $P = 2(8)$
 $P = 16$

[3] Use formulae and show ALL YOUR WORKING!

Area = 10946.25 cm^2

Perimeter = 419.6 cm



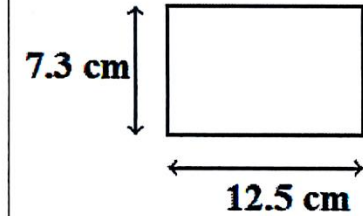
$A = L \times W$
 $A = (112.5)(97.3)$
 $A = 10946.25$

$P = 2(L + W)$
 $P = 2(112.5 + 97.3)$
 $P = 2(209.8)$
 $P = 419.6$

[4] Use formulae and show ALL YOUR WORKING!

Area = 91.25 cm^2

Perimeter = 39.6 cm



$A = L \times W$
 $A = (12.5)(7.3)$
 $A = 91.25$

$P = 2(L + W)$
 $P = 2(7.3 + 12.5)$
 $P = 2(19.8)$
 $P = 39.6$

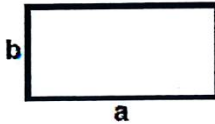
Answers only (You do not need to show your working. Use your calculators and work quickly. The aim is to find each solution **quickly** and **accurately!**) **Round to 2 d.p. if necessary.**

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[4] side a = 4.5 cm; side b = 2.6 cm

Area = 11.7 cm²

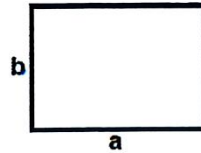
Perimeter = 14.2 cm



[5] side a = 92.3 cm; side b = 65.8 cm

Area = 6073.34 cm²

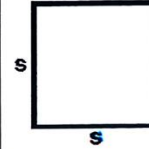
Perimeter = 316.2 cm



[6] side = 42.8 cm

Area = 1831.84 cm²

Perimeter = 171.2 cm



[7] side a = 54.5 cm; side b = 42.6 cm

Area = 2321.7 cm²

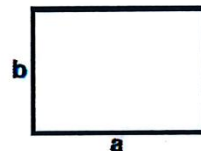
Perimeter = 194.2 cm



[8] side a = 12.3 m; side b = 6.4 m

Area = 78.72 m²

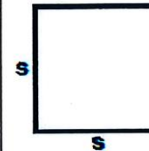
Perimeter = 37.4 m



[9] side = 492.3 cm

Area = 242359.29 cm²

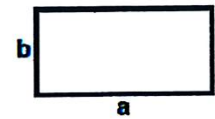
Perimeter = 1969.2 cm



[10] side a = 133.4 m; side b = 92.6 cm

Area = 12352.84 m²

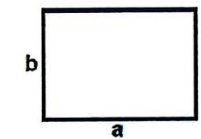
Perimeter = 452 m



[11] side a = 42.7 m; side b = 35.8 m

Area = 1528.66 m²

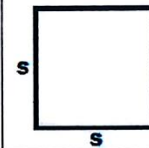
Perimeter = 157 m



[12] side = 812.1 m

Area = 659506.41 m²

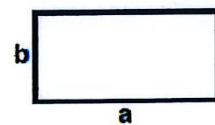
Perimeter = 3248.4 m



[13] side a = 6.5 cm; side b = 4.7 cm

Area = 30.55 cm²

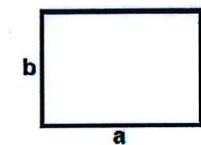
Perimeter = 22.4 cm



[14] side a = 22.6 cm; side b = 15.9 cm

Area = 359.34 cm²

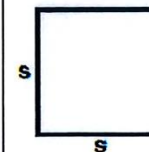
Perimeter = 77 cm



[15] side = 33.2 cm

Area = 1102.24 cm²

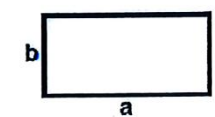
Perimeter = 132.8 cm



[16] side a = 4.5 cm; side b = 2.6 cm

Area = 11.7 cm²

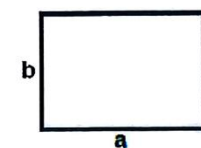
Perimeter = 14.2 cm



[17] side a = 92.3 cm; side b = 65.8 cm

Area = 6073.34 cm²

Perimeter = 316.2 cm



[18] side = 42.8 cm

Area = 1831.84 cm²

Perimeter = 171.2 cm

