

## Area and Perimeter (Squares and Rectangles)

Date:

Name:

Round to 2 d.p. if necessary.

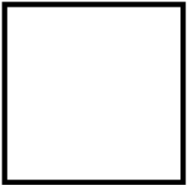
<http://www.learnersgrid.com>

[1] Use formulae and show ALL YOUR WORKING!

Area =

Perimeter =

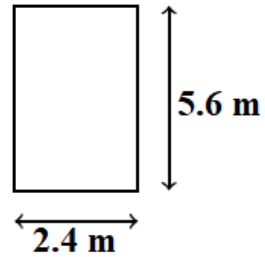
**12.4 cm**



[2] Use formulae and show ALL YOUR WORKING!

Area =

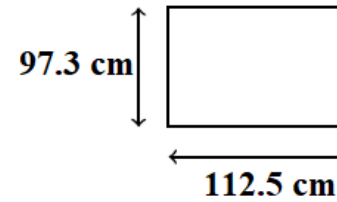
Perimeter =



[3] Use formulae and show ALL YOUR WORKING!

Area =

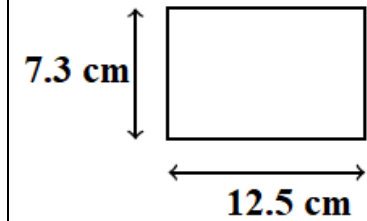
Perimeter =



[4] Use formulae and show ALL YOUR WORKING!

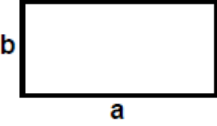
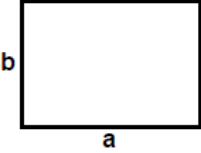
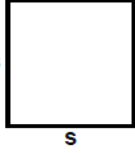
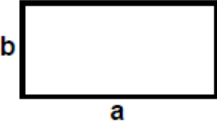
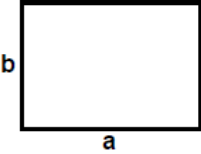
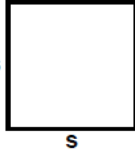
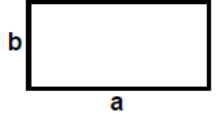
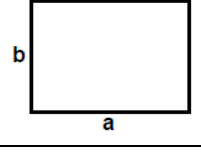
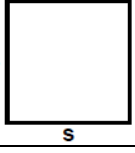
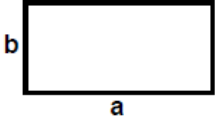
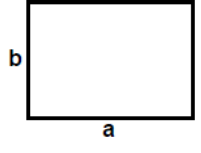
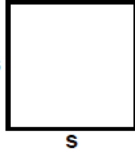
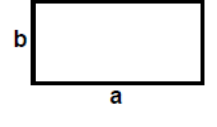
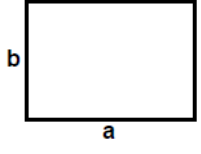
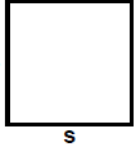
Area =

Perimeter =



**AREA & PERIMETER.** Give 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> 

Area and Perimeter (Squares and Rectangles) Name: Answers Date: \_\_\_\_\_

Round to 2 d.p. if necessary.

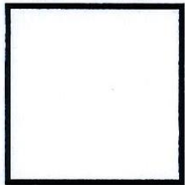
<http://www.learnersgrid.com>

[1] Use formulae and show ALL YOUR WORKING!

Area =  $153.76 \text{ cm}^2$

Perimeter =  $49.6 \text{ cm}$

12.4 cm



$A = s^2$

$A = (12.4)^2$

$A = 153.76$

$P = 4s$

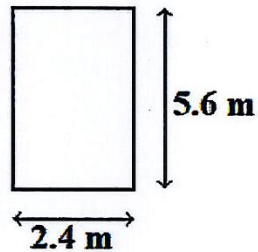
$P = 4(12.4)$

$P = 49.6$

[2] Use formulae and show ALL YOUR WORKING!

Area =  $13.44 \text{ m}^2$

Perimeter =  $16 \text{ m}$



$A = LW$

$A = (5.6)(2.4)$

$A = 13.44$

$P = 2(L+w)$

$P = 2(5.6+2.4)$

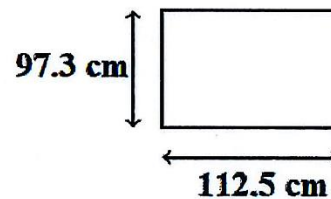
$P = 2(8)$

$P = 16$

[3] Use formulae and show ALL YOUR WORKING!

Area =  $10946.25 \text{ cm}^2$

Perimeter =  $419.6 \text{ cm}$



$A = LW$

$A = (112.5)(97.3)$

$A = 10946.25$

$P = 2(L+w)$

$P = 2(112.5+97.3)$

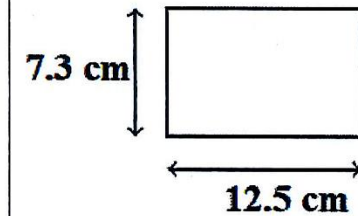
$P = 2(209.8)$

$P = 419.6$

[4] Use formulae and show ALL YOUR WORKING!

Area =  $91.25 \text{ cm}^2$

Perimeter =  $39.6 \text{ cm}$



$A = LW$

$A = (12.5)(7.3)$

$A = 91.25$

$P = 2(L+w)$

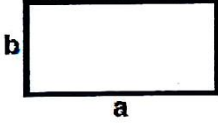
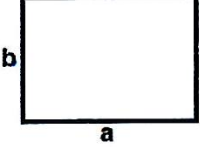
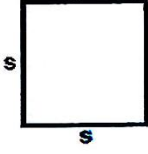
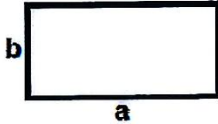
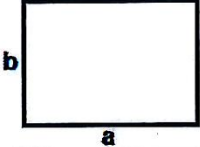
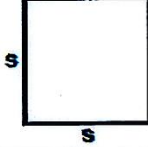
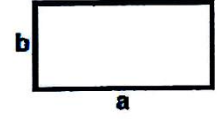
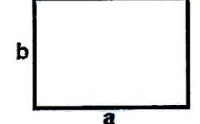
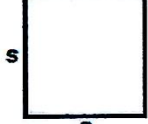
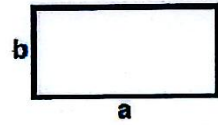

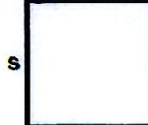
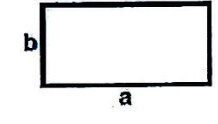
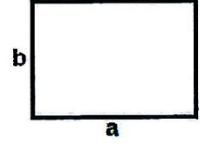
$P = 2(7.3+12.5)$

$P = 2(19.8)$

$P = 39.6$

**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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<p>[4] side a = 4.5 cm; side b = 2.6 cm</p> <p>Area = 11.7 cm<sup>2</sup></p> <p>Perimeter = 14.2 cm</p> 	<p>[5] side a = 92.3 cm; side b = 65.8 cm</p> <p>Area = 6073.34 cm<sup>2</sup></p> <p>Perimeter = 316.2 cm</p> 	<p>[6] side = 42.8 cm</p> <p>Area = 1831.84 cm<sup>2</sup></p> <p>Perimeter = 171.2 cm</p> 
<p>[7] side a = 54.5 cm; side b = 42.6 cm</p> <p>Area = 2321.7 cm<sup>2</sup></p> <p>Perimeter = 194.2 cm</p> 	<p>[8] side a = 12.3 m; side b = 6.4 m</p> <p>Area = 78.72 m<sup>2</sup></p> <p>Perimeter = 37.4 m</p> 	<p>[9] side = 492.3 cm</p> <p>Area = 242359.29 cm<sup>2</sup></p> <p>Perimeter = 1969.2 cm</p> 
<p>[10] side a = 133.4 m; side b = 92.6 m</p> <p>Area = 12352.84 m<sup>2</sup></p> <p>Perimeter = 452 m</p> 	<p>[11] side a = 42.7 m; side b = 35.8 m</p> <p>Area = 1528.66 m<sup>2</sup></p> <p>Perimeter = 157 m</p> 	<p>[12] side = 812.1 m</p> <p>Area = 659506.41 m<sup>2</sup></p> <p>Perimeter = 3248.4 m</p> 
<p>[13] side a = 6.5 cm; side b = 4.7 cm</p> <p>Area = 30.55 cm<sup>2</sup></p> <p>Perimeter = 22.4 cm</p> 	<p>[14] side a = 22.6 cm; side b = 15.9 cm</p> <p>Area = 359.34 cm<sup>2</sup></p> <p>Perimeter = 77 cm</p> 	<p>[15] side = 33.2 cm</p> <p>Area = 1102.24 cm<sup>2</sup></p> <p>Perimeter = 132.8 cm</p> 
<p>[16] side a = 4.5 cm; side b = 2.6 cm</p> <p>Area = 11.7 cm<sup>2</sup></p> <p>Perimeter = 14.2 cm</p> 	<p>[17] side a = 92.3 cm; side b = 65.8 cm</p> <p>Area = 6073.34 cm<sup>2</sup></p> <p>Perimeter = 316.2 cm</p> 	<p>[18] side = 42.8 cm</p> <p>Area = 1831.84 cm<sup>2</sup></p> <p>Perimeter = 171.2 cm</p> 