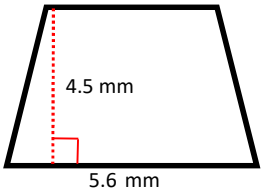
{A} **AREA: Trapeziums** **Name:** **Date:**

Give the area of the below trapeziums. Round any decimal answer to 1 d.p. if necessary.

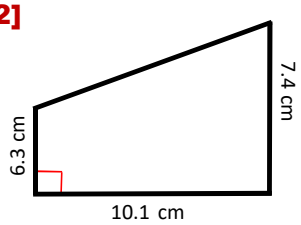
http://www.learnersgrid.com

Show all your working!

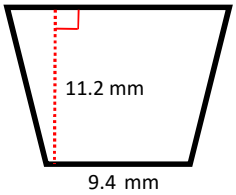
[1]



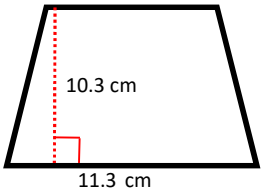
[2]



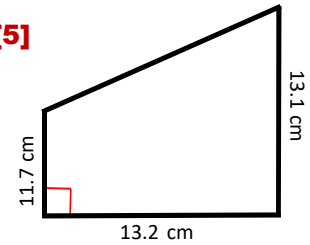
[3]



[4]



[5]



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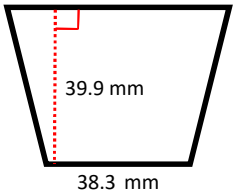
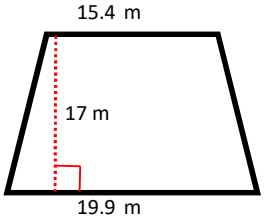


[7]



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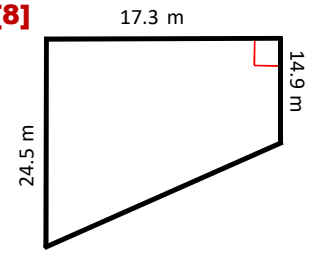
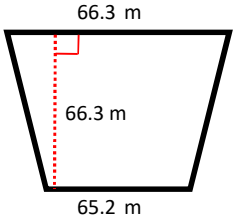
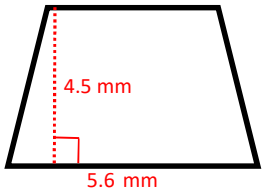


[9]



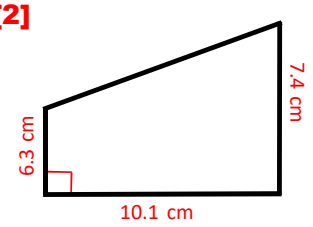
{A} **AREA: Trapeziums** **ANSWERS**

[1]



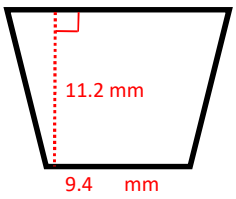
A =	h(a + b)/2
A =	4.5(3.3+5.6)/2
A =	4.5(8.9)/2
A =	40.05/2
A =	20 mm²

[2]



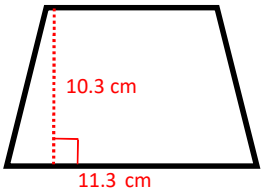
A =	h(a + b)/2
A =	10.1(6.3+7.4)/2
A =	10.1(13.7)/2
A =	138.37/2
A =	69.2 cm²

[3]



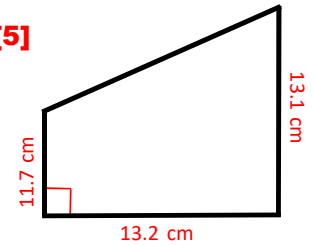
A =	h(a + b)/2
A =	11.2(9.4+11.5)/2
A =	11.2(20.9)/2
A =	234.08/2
A =	117 mm²

[4]



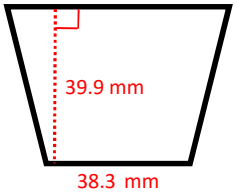
A =	h(a + b)/2
A =	10.3(8.8+11.3)/2
A =	10.3(20.1)/2
A =	207.03/2
A =	103.5 cm²

[5]



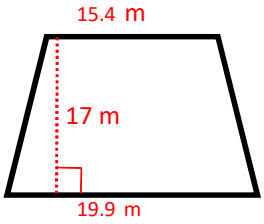
A =	h(a + b)/2
A =	13.2(11.7+13.1)/2
A =	13.2(24.8)/2
A =	327.36/2
A =	163.7 cm²

[6]



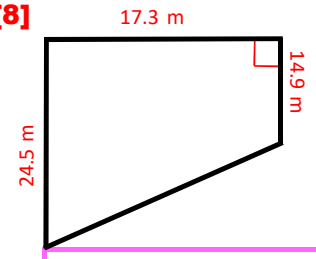
A =	h(a + b)/2
A =	39.9(38.3+43)/2
A =	39.9(81.3)/2
A =	3243.87/2
A =	1621.9 mm²

[7]



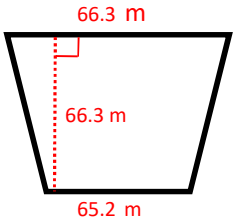
A =	h(a + b)/2
A =	17(15.4+19.9)/2
A =	17(35.3)/2
A =	600.1/2
A =	300.1 m²

[8]



A =	h(a + b)/2
A =	17.3(24.5+14.9)/2
A =	17.3(39.4)/2
A =	681.62/2
A =	340.8 m²

[9]



A =	h(a + b)/2
A =	66.3(65.2+66.3)/2
A =	66.3(131.5)/2
A =	8718.45/2
A =	4359.2 m²