

{B} AREA: Trapeziums

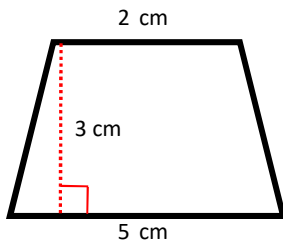
Name:

Date:

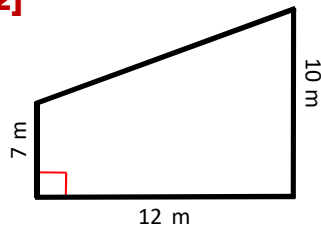
Give the area of the below trapeziums. Round any decimal answer to 1 d.p. if necessary.

<http://www.learnersgrid.com>

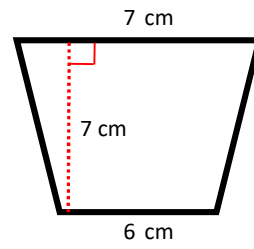
[1]



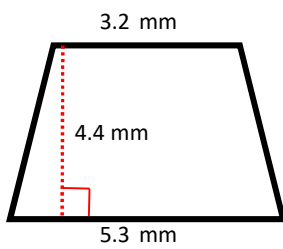
[2]



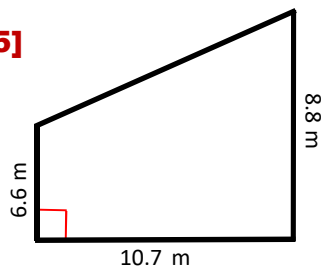
[3]



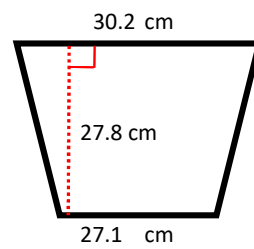
[4]



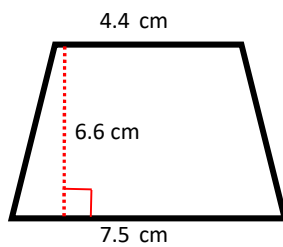
[5]



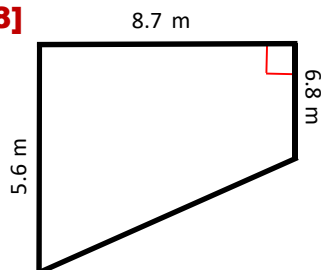
[6]



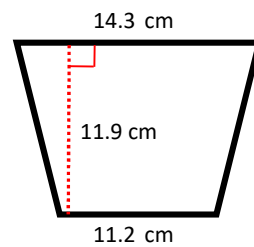
[7]

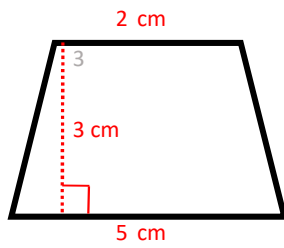


[8]



[9]



{B} AREA: Trapeziums**ANSWERS****[1]**

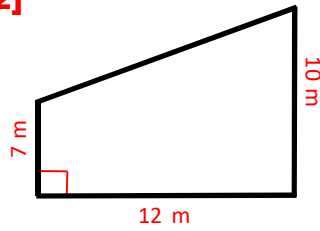
$$A = h(a + b)/2$$

$$A = 3(2+5)/2$$

$$A = 3(7)/2$$

$$A = 21/2$$

$$A = 10.5 \text{ cm}^2$$

[2]

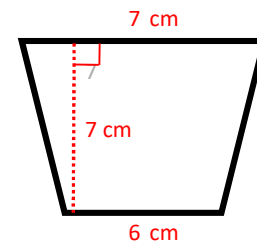
$$A = h(a + b)/2$$

$$A = 12(7+10)/2$$

$$A = 12(17)/2$$

$$A = 204/2$$

$$A = 102 \text{ m}^2$$

[3]

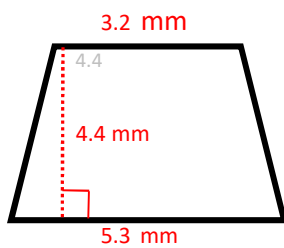
$$A = h(a + b)/2$$

$$A = 7(6+7)/2$$

$$A = 7(13)/2$$

$$A = 91/2$$

$$A = 45.5 \text{ cm}^2$$

[4]

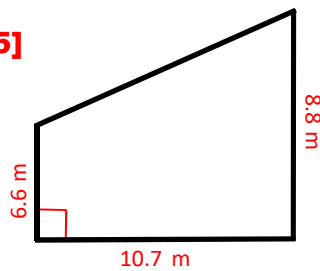
$$A = h(a + b)/2$$

$$A = 4.4(3.2+5.3)/2$$

$$A = 4.4(8.5)/2$$

$$A = 37.4/2$$

$$A = 18.7 \text{ mm}^2$$

[5]

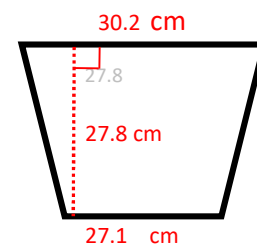
$$A = h(a + b)/2$$

$$A = 10.7(6.6+8.8)/2$$

$$A = 10.7(15.4)/2$$

$$A = 164.78/2$$

$$A = 82.4 \text{ m}^2$$

[6]

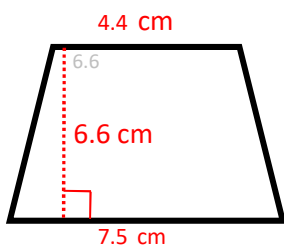
$$A = h(a + b)/2$$

$$A = 27.8(27.1+30.2)/2$$

$$A = 27.8(57.3)/2$$

$$A = 1592.94/2$$

$$A = 796.5 \text{ cm}^2$$

[7]

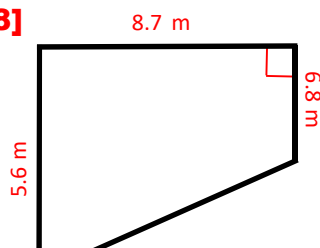
$$A = h(a + b)/2$$

$$A = 6.6(4.4+7.5)/2$$

$$A = 6.6(11.9)/2$$

$$A = 78.54/2$$

$$A = 39.3 \text{ cm}^2$$

[8]

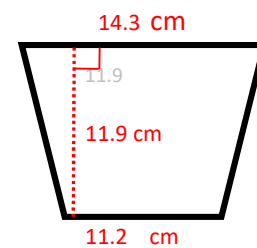
$$A = h(a + b)/2$$

$$A = 8.7(5.6+6.8)/2$$

$$A = 8.7(12.4)/2$$

$$A = 107.88/2$$

$$A = 53.9 \text{ m}^2$$

[9]

$$A = h(a + b)/2$$

$$A = 11.9(11.2+14.3)/2$$

$$A = 11.9(25.5)/2$$

$$A = 303.45/2$$

$$A = 151.7 \text{ cm}^2$$