

{A} AREA: Trapeziums

Name:

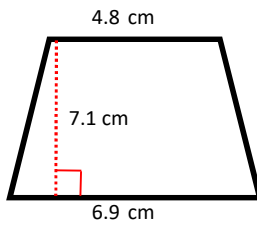
Date:

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

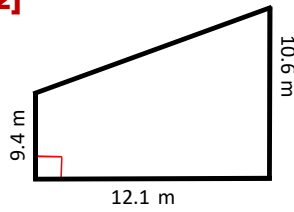
<http://www.learnersgrid.com>

Show all your working!

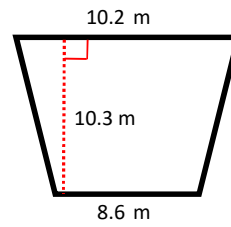
[1]



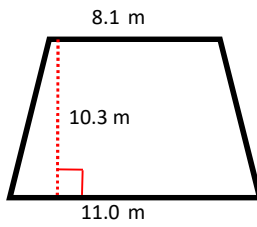
[2]



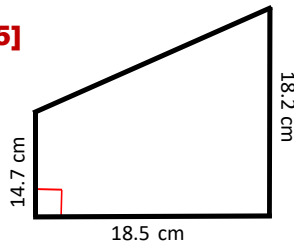
[3]



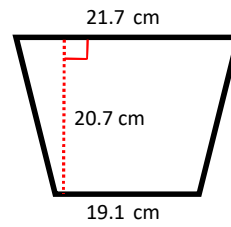
[4]



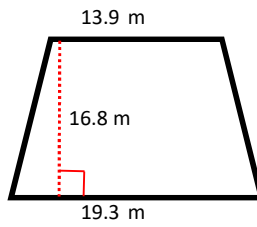
[5]



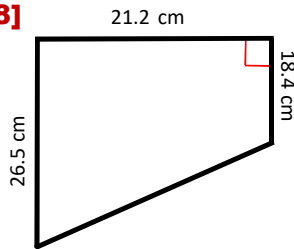
[6]



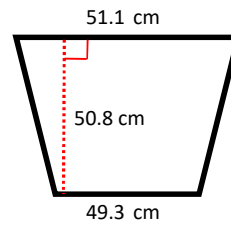
[7]



[8]



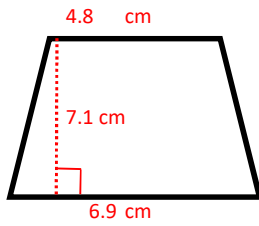
[9]



{A} AREA: Trapeziums

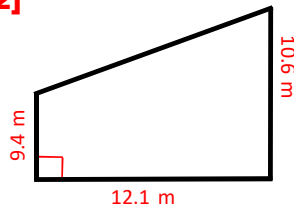
ANSWERS

[1]



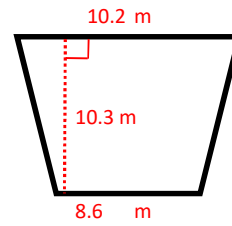
$$A = h(a + b)/2$$
$$A = 7.1(4.8+6.9)/2$$
$$A = 7.1(11.7)/2$$
$$A = 83.07/2$$
$$A = 41.5 \text{ cm}^2$$

[2]



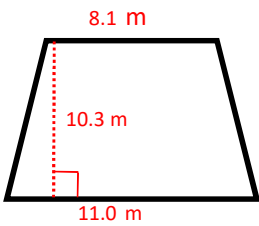
$$A = h(a + b)/2$$
$$A = 12.1(9.4+10.6)/2$$
$$A = 12.1(20)/2$$
$$A = 242/2$$
$$A = 121 \text{ m}^2$$

[3]



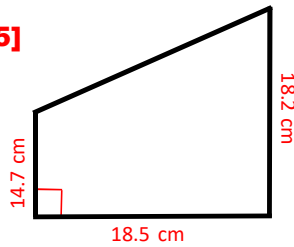
$$A = h(a + b)/2$$
$$A = 10.3(8.6+10.2)/2$$
$$A = 10.3(18.8)/2$$
$$A = 193.64/2$$
$$A = 96.8 \text{ m}^2$$

[4]



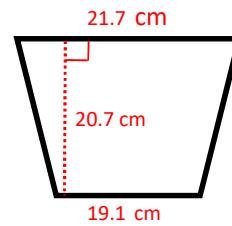
$$A = h(a + b)/2$$
$$A = 10.3(8.1+11)/2$$
$$A = 10.3(19.1)/2$$
$$A = 196.73/2$$
$$A = 98.4 \text{ m}^2$$

[5]



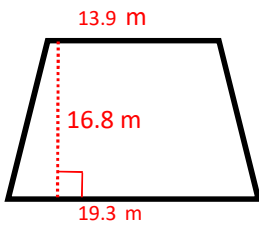
$$A = h(a + b)/2$$
$$A = 18.5(14.7+18.2)/2$$
$$A = 18.5(32.9)/2$$
$$A = 608.65/2$$
$$A = 304.3 \text{ cm}^2$$

[6]



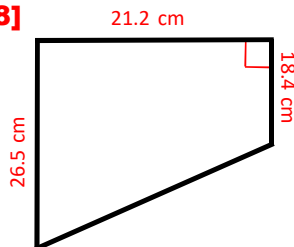
$$A = h(a + b)/2$$
$$A = 20.7(19.1+21.7)/2$$
$$A = 20.7(40.8)/2$$
$$A = 844.56/2$$
$$A = 422.3 \text{ cm}^2$$

[7]



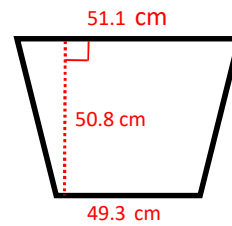
$$A = h(a + b)/2$$
$$A = 16.8(13.9+19.3)/2$$
$$A = 16.8(33.2)/2$$
$$A = 557.76/2$$
$$A = 278.9 \text{ m}^2$$

[8]



$$A = h(a + b)/2$$
$$A = 21.2(26.5+18.4)/2$$
$$A = 21.2(44.9)/2$$
$$A = 951.88/2$$
$$A = 475.9 \text{ cm}^2$$

[9]



$$A = h(a + b)/2$$
$$A = 50.8(49.3+51.1)/2$$
$$A = 50.8(100.4)/2$$
$$A = 5100.32/2$$
$$A = 2550.2 \text{ cm}^2$$