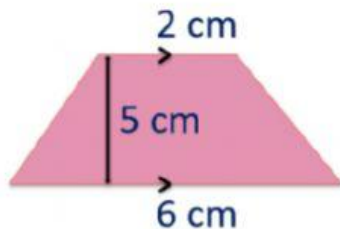


Year 8 Measurement – Area of trapeziums

Calculate the area of the trapeziums below. Show all working out clearly.

I have provided an example for you to refer to.

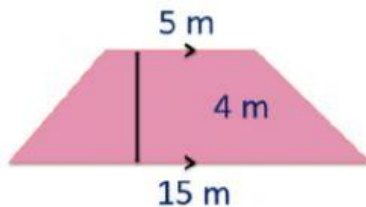
Worked example:



Working out:

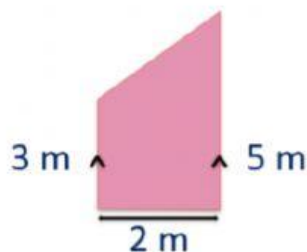
$$\begin{aligned}\text{Area of trapezium} &= (a + b) \div 2 \times \text{height} \\ &= (2 + 6) \div 2 \times 5 \\ &= 8 \div 2 \times 5 \\ &= 4 \times 5 \\ &= 20 \text{ cm}^2\end{aligned}$$

Now, show me your understanding...



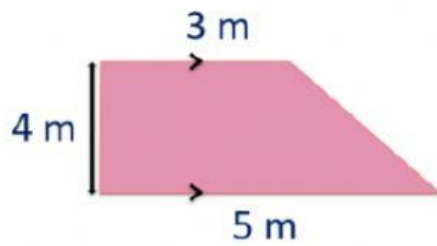
Working out:

$$\begin{aligned}\text{Area of trapezium} &= (a + b) \div 2 \times \text{height} \\ &= \\ &= \\ &= \\ &= \end{aligned}$$



Working out:

$$\begin{aligned}\text{Area of trapezium} &= (a + b) \div 2 \times \text{height} \\ &= \\ &= \\ &= \\ &= \end{aligned}$$



Working out:

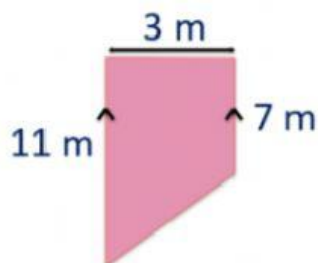
Area of trapezium = $(a + b) \div 2 \times \text{height}$

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Working out:

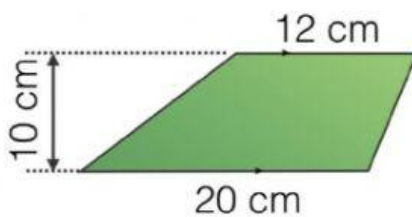
Area of trapezium = $(a + b) \div 2 \times \text{height}$

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Working out:

Area of trapezium = $(a + b) \div 2 \times \text{height}$

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