




ANSWERS

AREA OF TRAPEZOIDS

Instructions: Add the larger base and the smaller base, then multiply the result by the height and divide by two.

<p>a) The trapezoid has the following bases and height:</p> <p>Larger base of 133 cm Smaller base of 123cm Height of 131 cm</p>	<p>Solution:</p> $(133 \text{ cm} + 123 \text{ cm}) * 131 \text{ cm} / 2$ $256 \text{ cm} * 131 \text{ cm} / 2$ $33536 \text{ cm}^2 / 2$ 16768 cm^2 <p>Area= 16768cm²</p>	
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<p>b) The trapezoid has the following bases and height:</p> <p>Larger base of 163 cm Smaller base of 159cm Height of 162 cm</p>	<p>Solution:</p> $(163 \text{ cm} + 159 \text{ cm}) * 162 \text{ cm} / 2$ $322 \text{ cm} * 162 \text{ cm} / 2$ $62164 \text{ cm}^2 / 2$ 26082 cm^2 <p>Area= 26082,Cm²</p>	
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<p>c) The trapezoid has the following bases and height:</p> <p>Larger base of 3 m Smaller base of 1 m Height of 2 m</p>	<p>Solution:</p> $(3 \text{ m} + 1 \text{ m}) * 2 \text{ m} / 2$ $4 \text{ m} * 2 \text{ m} / 2$ $8 \text{ m}^2 / 2$ 4 m^2 <p>Area= 4 m²</p>	
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TRAPEZOID
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How Did You Do? 😊 😐 😞