




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 63 cm Smaller base of 59cm Height of 61 cm</p>	<p>Solution:</p> $(63 \text{ cm} + 59 \text{ cm}) * 61 \text{ cm} / 2$ $122 \text{ cm} * 61 \text{ cm} / 2$ $7442 \text{ cm}^2 / 2$ 3721 cm^2 <p>Area= 3721cm²</p>	
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<p>b) The trapezoid has the following bases and height:</p> <p>Larger base of 83 cm Smaller base of 79cm Height of 71 cm</p>	<p>Solution:</p> $(83 \text{ cm} + 79 \text{ cm}) * 71 \text{ cm} / 2$ $162 \text{ cm} * 71 \text{ cm} / 2$ $11502 \text{ cm}^2 / 2$ 5751 cm^2 <p>Area= 5751cm²</p>	
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<p>c) The trapezoid has the following bases and height:</p> <p>Larger base of 94 cm Smaller base of 89cm Height of 93 cm</p>	<p>Solution:</p> $(94 \text{ cm} + 89 \text{ cm}) * 93 \text{ cm} / 2$ $183 \text{ cm} * 93 \text{ cm} / 2$ $17019 \text{ cm}^2 / 2$ $8509,5 \text{ cm}^2$ <p>Area= 8509,5cm²</p>	
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TRAPEZOIDS

How Did You Do? 😊 😐 😞