




ANSWERS

AREA OF MIXED SHAPES

Instructions: Find the area of mixed shapes

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| <p>a) The rhombus has the following diagonals:</p> <p>Major diagonal of 83 cm Minor diagonal of 64 cm</p> | <p>Solution:</p> <p>$83 \text{ cm} * 64 \text{ cm} = 5312\text{cm}^2 / 2 = 2656\text{cm}^2$</p> <p>Area= <input type="text" value="2656cm2"/></p>  |
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| <p>b) The radius of the circle is 5mm</p> | <p>Solution:</p> <p>$3,14 * (5) \text{ mm} * (5) \text{ mm}$ $3,14 * 25 \text{ mm}^2$ $78,5 \text{ mm}^2$</p> <p>Area= <input type="text" value="78,5mm2"/></p>  |
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| <p>c) A triangle has the following base and height:</p> <ul style="list-style-type: none">• Base 27cm• Height 47cm | <p>Solution:</p> <p>$27 \text{ cm} * 47 \text{ cm} = 1629\text{cm}^2 / 2 = 634,5\text{cm}^2$</p> <p>Area= <input type="text" value="634,5cm2"/></p>  |
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Mixed Figures

How Did You Do? 😊 😐 😞