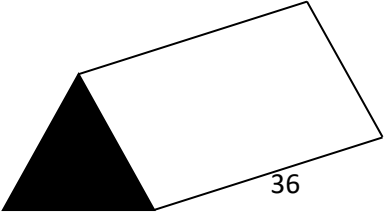
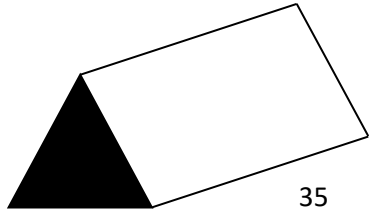
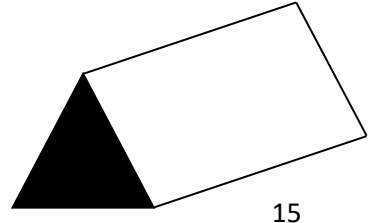
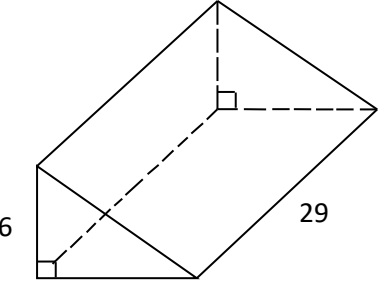
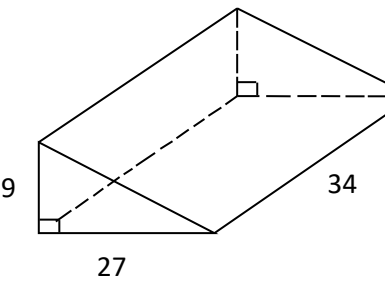
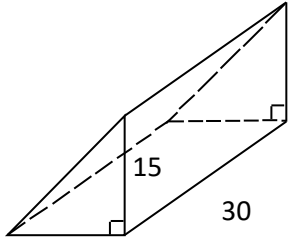
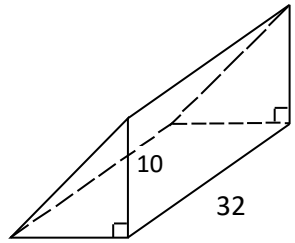
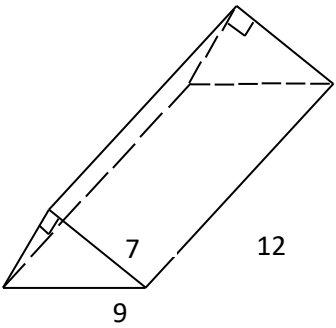
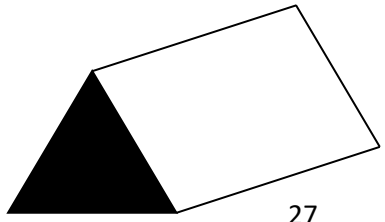


MATHS WORKSHEETS- GEOMETRY- VOLUME OF A TRIANGULAR PRISM

Find the volume of the following triangular prisms. All measurements are given in cm/cm².

<p>1.</p>  <p style="text-align: center;">$A = 81 \text{ cm}^2$</p> <p>Answer:</p>	<p>2.</p>  <p style="text-align: center;">$A = 64 \text{ cm}^2$</p> <p>Answer:</p>	<p>3.</p>  <p style="text-align: center;">$A = 43 \text{ cm}^2$</p> <p>Answer:</p>
<p>4.</p>  <p style="text-align: center;">25</p> <p>Answer:</p>	<p>5.</p>  <p style="text-align: center;">27</p> <p>Answer:</p>	<p>6.</p>  <p style="text-align: center;">12</p> <p>Answer:</p>
<p>7.</p>  <p style="text-align: center;">8</p> <p>Answer:</p>	<p>8.</p>  <p style="text-align: center;">9</p> <p>Answer:</p>	<p>9.</p>  <p style="text-align: center;">$A = 150 \text{ cm}^2$</p> <p>Answer:</p>

Answer Key:

Triangular Prism: 3D shape

Faces: 5

Edges: 9

Vertices: 6

2 bases are triangular in shape

3 sides are rectangular in shape

Volume = Area of base * Height of prism cu. units

Volume = $\frac{1}{2} * b * h * l$ cu. units

1. 2916 cm³
2. 2240 cm³
3. 645 cm³
4. 2175 cm³
5. 4131 cm³
6. 2700 cm³
7. 1280 cm³
8. 378 cm³
9. 4050 cm³