

7th Grade Formulas

Copy down the following formulas and study them tonight for the MSA.

Area of a Triangle

$$A = \frac{\text{base} \times \text{height}}{2}$$

$$A = \frac{bh}{2}$$

<u>Or</u> $A = \frac{1}{2} bh$

Area of a Parallelogram

$$A = \text{base} \times \text{height}$$

$$A = bh$$

Area of a Trapezoid

$$A = \frac{\text{height}(\text{base}_1 + \text{base}_2)}{2}$$

$$A = \frac{h(b_1 + b_2)}{2}$$

<u>Or</u> $A = \frac{1}{2} (\text{base}_1 + \text{base}_2)h$
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Volume of a Rectangular Prism

$$V = \text{length} \times \text{width} \times \text{height}$$

$$V = lwh$$