

8th Grade Formulas

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

Area of a Triangle

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

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

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

Area of a Parallelogram

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

$$A = bh$$

Area of a Circle

$$A = 3.14 \times \textit{radius} \times \textit{radius}$$

$$A = \pi r^2$$

Circumference of a Circle

$$C = 2 \times 3.14 \times \textit{radius}$$

$$C = 2\pi r$$

<u>Or</u> $C = \pi \times \textit{diameter}$
$C = \pi d$