

W.N.C.P. Grade 9 Math Formula Sheet

Pythagorean Theorem

$a^2 + b^2 = c^2$, where c is the length of the hypotenuse

Measurement Formulas: for calculations on the test using π , use $\pi = 3.14$

Area of a **circle** with radius r

$$A = \pi r^2$$

Circumference of a **circle** with radius r

$$C = 2\pi r$$

Area of a **triangle** with base b and height h

$$A = \frac{1}{2}bh$$

Surface Area of **Right Cylinder** with height h and radius r

$$SA = 2\pi rh + 2\pi r^2$$

Volume of **Prism:**

Volume = area of base x height of the prism