Reference Card

Abbreviations

A = area

C = circumference

V = volume

F = Fahrenheit

C = Celsius

B = area of base

l = length

w = width

h = height

b = base

d = diameter

r = radius

Formulas

Pythagorean Theorem: $a^2 + b^2 = c^2$

Slope: $m = \dfrac{y_2 - y_1}{x_2 - x_1}$

Distance = rate × time

Interest = principal × rate × time

Cylinder: $V = \pi r^2 h$

Sphere: $V = \dfrac{4}{3}\pi r^3$

Rectangular Solid: $V = lwh$

Cone: $V = \dfrac{1}{3}\pi r^2 h$

Pyramid: $V = \dfrac{1}{3}Bh$

Triangle: $A = \dfrac{1}{2}bh$

Parallelogram: $A = bh$

Rectangle: $A = lw$

Circle: $A = \pi r^2$ $C = 2\pi r$

You may use your Reference Card at any time during the test.