

**Hoja de referencia del examen estatal de  
Ohio Escuela Secundaria  
Ohio's State Tests Reference Sheet High School**

1 pie = 12 pulgadas

1 foot = 12 inches

1 yarda = 3 pies

1 yard = 3 feet

1 milla = 1,760 yardas

1 mile = 1,760 yards

1 milla = 5,280 pies

1 mile = 5,280 feet

1 milla  $\approx$  1.609 kilómetros

1 mile  $\approx$  1.609 kilometers

1 pulgada = 2.54 centímetros

1 inch = 2.54 centimeters

1 kilómetro  $\approx$  0.62 millas

1 kilometer  $\approx$  0.62 mile

1 metro  $\approx$  39.37 pulgadas

1 meter  $\approx$  39.37 inches

1 libra = 16 onzas

1 pound = 16 ounces

1 libra  $\approx$  0.454 kilogramos

1 pound  $\approx$  0.454 kilograms

1 kilogramo  $\approx$  2.2 libras

1 kilogram  $\approx$  2.2 pounds

1 taza = 8 onzas líquidas

1 cup = 8 fluid ounces

1 pinta = 2 tazas

1 pint = 2 cups

1 cuarto de galón = 2 pintas

1 quart = 2 pints

1 galón = 4 cuartos de galon

1 gallon = 4 quarts

1 galón  $\approx$  3.785 litros

1 gallon  $\approx$  3.785 liters

1 litro  $\approx$  0.264 galones

1 liter  $\approx$  0.264 gallons

1 litro = 1000 centímetros cúbicos

1 liter = 1000 cubic centimeters

# Trigonometría

# Trigonometry

$$\sin A = \frac{\text{opuesto}}{\text{hipotenusa}}$$

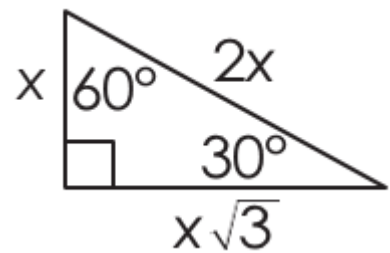
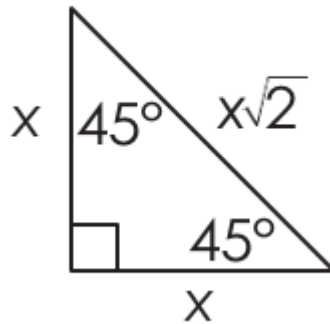
$$\sin A = \frac{\text{opposite}}{\text{hypotenuse}}$$

$$\cos A = \frac{\text{adyacente}}{\text{hipotenusa}}$$

$$\cos A = \frac{\text{adjacent}}{\text{hypotenuse}}$$

$$\tan A = \frac{\text{opuesto}}{\text{adyacente}}$$

$$\tan A = \frac{\text{opposite}}{\text{adjacent}}$$



Clave Key			
$b = \text{base}$	$B = \text{área de la base}$	$h = \text{altura}$	$r = \text{radio}$
$b = \text{base}$	$B = \text{area of base}$	$h = \text{height}$	$r = \text{radius}$

Triángulo Triangle	$A = \frac{1}{2} b h$
Paralelogramo Parallelogram	$A = b h$
Círculo Circle	$C = 2 \pi r$ $A = \pi r^2$

Prismas en general General Prisms	$V = B h$
Cilindro Cylinder	$V = \pi r^2 h$
Esfera Sphere	$V = \frac{4}{3} \pi r^3$
Cono Cone	$V = \frac{1}{3} \pi r^2 h$
Pirámide Pyramid	$V = \frac{1}{3} B h$

Distancia Fórmula Distance Formula	$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$
Fórmula cuadrática Quadratic Formula	$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
Regla de adición Addition Rule	$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$