



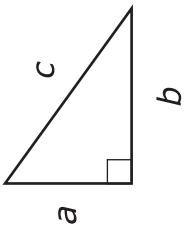
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Colorado Measures of Academic Success

Math Reference Sheet
Grade 8

1 inch = 2.54 centimeters	1 kilometer = 0.62 mile	1 cup = 8 fluid ounces
1 meter = 39.37 inches	1 pound = 16 ounces	1 pint = 2 cups
1 mile = 5280 feet	1 pound = 0.454 kilograms	1 quart = 2 pints
1 mile = 1760 yards	1 kilogram = 2.2 pounds	1 gallon = 4 quarts
1 mile = 1.609 kilometers	1 ton = 2000 pounds	1 gallon = 3.785 liters
		1 liter = 0.264 gallons
		1 liter = 1000 cubic centimeters

Triangle	$A = \frac{1}{2}bh$
Parallelogram	$A = bh$
Circle	$A = \pi r^2$
Circle	$C = \pi d$ or $C = 2\pi r$
General Prisms	$V = Bh$
Cylinder	$V = \pi r^2 h$
Sphere	$V = \frac{4}{3}\pi r^3$
Cone	$V = \frac{1}{3}\pi r^2 h$

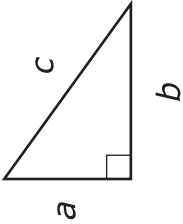
Pythagorean Theorem	 $a^2 + b^2 = c^2$
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Colorado Measures of Academic Success

Hoja de referencia de matemática Octavo grado

1 pulgada = 2.54 centímetros	1 kilómetro = 0.62 millas	1 taza = 8 onzas líquidas
1 metro = 39.37 pulgadas	1 libra = 16 onzas	1 pinta = 2 tazas
1 milla = 5280 pies	1 libra = 0.454 kilogramos	1 cuarto = 2 pintas
1 milla = 1760 yardas	1 kilogramo = 2.2 libras	1 galón = 4 cuartos
1 milla = 1.609 kilómetros	1 tonelada = 2000 libras	1 galón = 3.785 litros
		1 litro = 0.264 galones
		1 litro = 1000 centímetros cúbicos

Triángulo	$A = \frac{1}{2}bh$
Paralelogramo	$A = bh$
Círculo	$A = \pi r^2$
Círculo	$C = \pi d$ o $C = 2\pi r$
Prismas generales	$V = Bh$
Cilindro	$V = \pi r^2 h$
Esfera	$V = \frac{4}{3}\pi r^3$
Cono	$V = \frac{1}{3}\pi r^2 h$

Teorema de Pitágoras	 $a^2 + b^2 = c^2$
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