



CO00002695

Colorado Measures of Academic Success

Mathematics Reference Sheet Grade 8

- 1 inch = 2.54 centimeters
- 1 meter = 39.37 inches
- 1 mile = 5280 feet
- 1 mile = 1760 yards
- 1 mile = 1.609 kilometers
- 1 kilometer = 0.62 mile
- 1 pound = 16 ounces
- 1 pound = 0.454 kilograms
- 1 kilogram = 2.2 pounds
- 1 ton = 2000 pounds
- 1 cup = 8 fluid ounces
- 1 pint = 2 cups
- 1 quart = 2 pints
- 1 gallon = 4 quarts
- 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	$V = \frac{1}{3} \pi r^2 h$

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

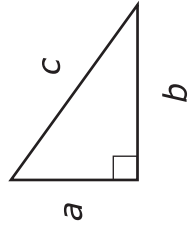
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Hoja de referencia de matemática

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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