

# Maryland Comprehensive Assessment Program



## Evaluación de matemáticas

### Grado 7 – Hoja de referencia

#### Conversiones

1 milla = 5280 pies  
 1 milla = 1760 yardas  
 1 milla = 1.609 kilómetros

1 libra = 16 onzas  
 1 libra = 0.454 kilogramos

1 taza = 8 onzas líquidas  
 1 pinta = 2 tazas  
 1 cuarto = 2 pintas

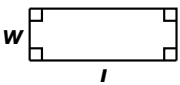
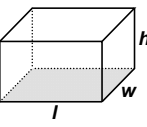
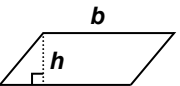
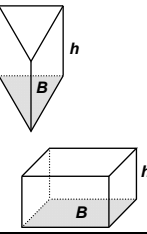
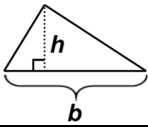
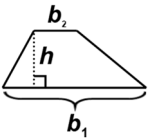
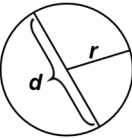
1 litro = 1000 centímetros cúbicos

1 kilómetro = 0.62 millas  
 1 metro = 39.37 pulgadas  
 1 pulgada = 2.54 centímetros

1 tonelada = 2000 libras  
 1 kilogramo = 2.2 libras

1 galón = 4 cuartos  
 1 galón = 3.785 litros  
 1 litro = 0.264 galones

#### Fórmulas

Área ( $A$ ) y circunferencia ( $C$ )			Volumen ( $V$ ) y área de superficie ( $SA$ )		
Nombre	Figura	Fórmula	Nombre	Figura	Fórmula
Rectángulo		$A = lw$	Prisma rectangular recto		$V = lwh$ $SA = 2lw + 2hw + 2lh$
Paralelogramo		$A = bh$	Prisma general		$V = Bh$  $SA =$ suma de las áreas de las caras
Triángulo		$A = \frac{1}{2}bh$			
Trapezio		$A = \frac{1}{2}(b_1 + b_2)h$			
Círculo		$A = \pi r^2$ $C = 2\pi r$ $C = \pi d$			