



Grade 8

Mathematics

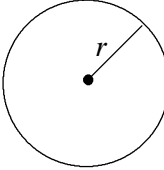
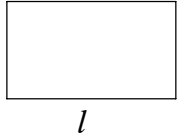
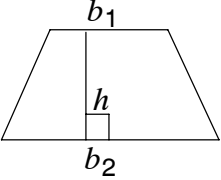
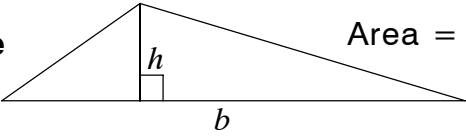
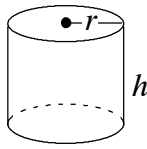
Reference Sheet

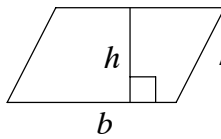
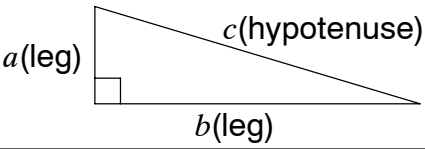
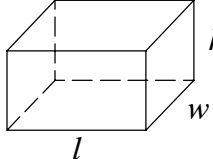
(Pack of 10)



M51089228110010

Use the information below to answer questions on the Mathematics test.

Circle		$\pi \approx 3.14$ Area = $\pi \cdot r^2$ Circumference = $2\pi \cdot r$
Rectangle		Area = $l \cdot w$ Perimeter = $2(l + w)$
Trapezoid		Area = $\frac{1}{2} h(b_1 + b_2)$
Triangle		Area = $\frac{1}{2} b \cdot h$
Cylinder		Volume = $\pi \cdot r^2 \cdot h$ Surface Area = $2\pi \cdot r^2 + 2\pi \cdot r \cdot h$

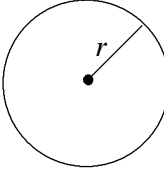
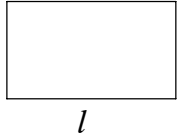
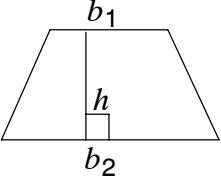
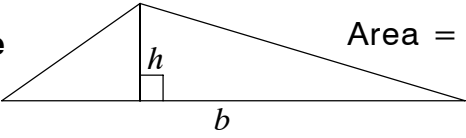
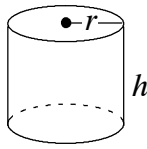
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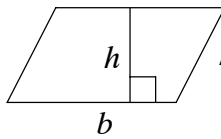
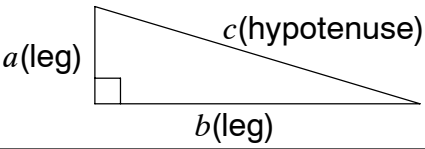
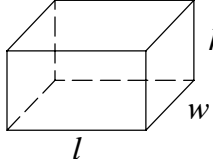
Metric Units of Length
1 kilometer = 1,000 meters 1 centimeter = 0.01 meter 1 millimeter = 0.001 meter

U.S. Unit Conversions
8 fluid ounces = 1 cup 2 cups = 1 pint 2 pints = 1 quart 4 quarts = 1 gallon 16 ounces = 1 pound 5,280 feet = 1 mile

Distance Formula: distance = rate • time	
Mean:	In a collection of data, the sum of all the data divided by the number of data
Median:	The middle number or average of the two middle numbers in a collection of data when the data are arranged in order
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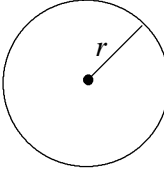
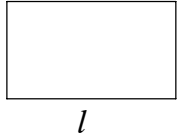
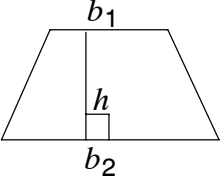
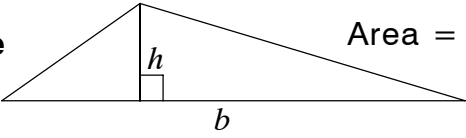
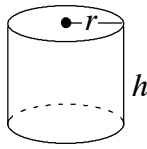
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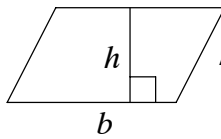
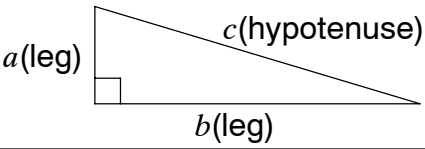
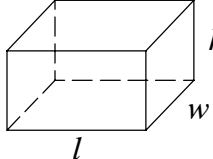
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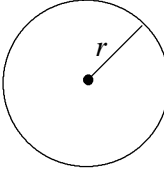
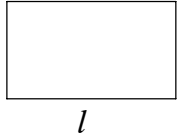
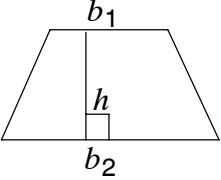
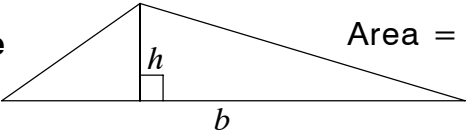
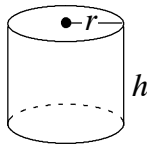
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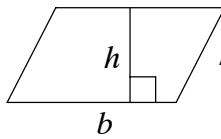
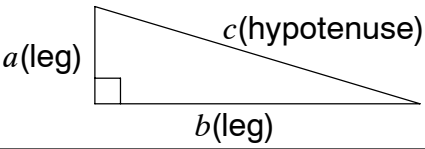
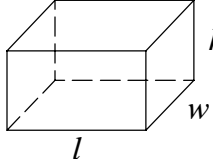
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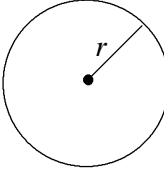
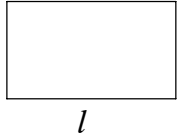
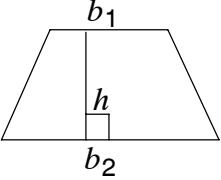
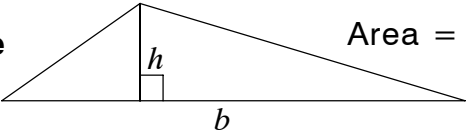
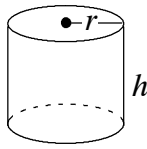
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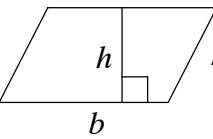
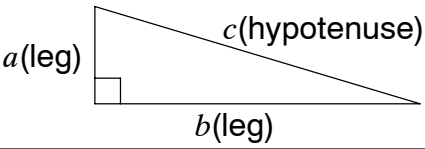
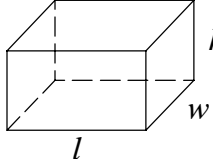
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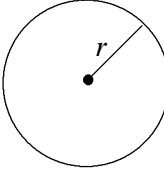
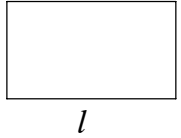
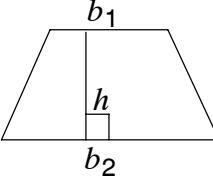
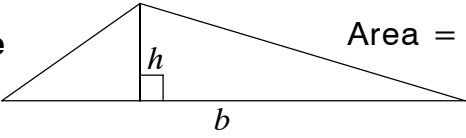
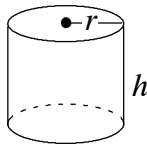
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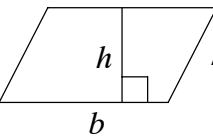
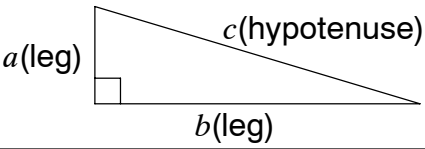
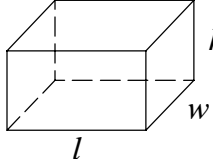
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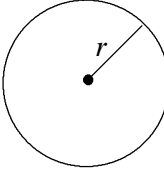
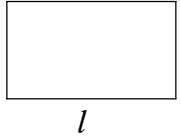
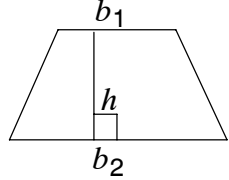
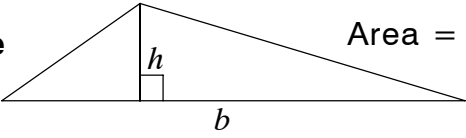
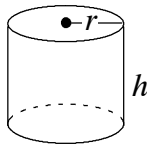
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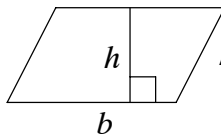
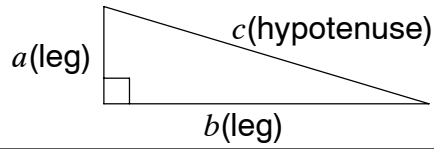
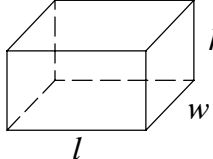
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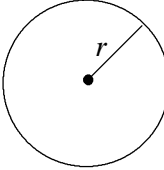
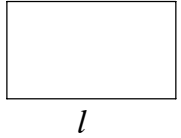
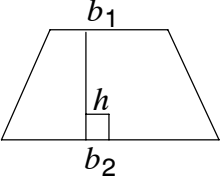
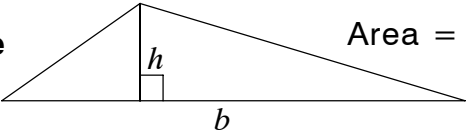
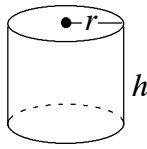
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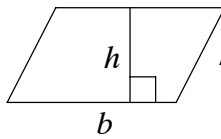
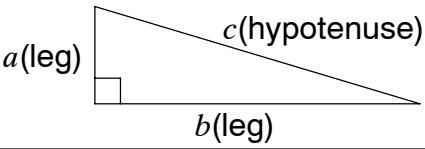
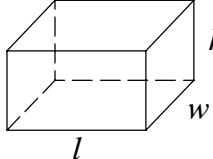
Metric Units of Length
1 kilometer = 1,000 meters
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8 fluid ounces = 1 cup
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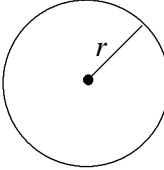
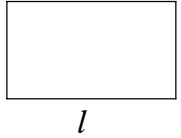
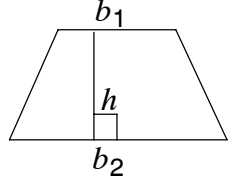
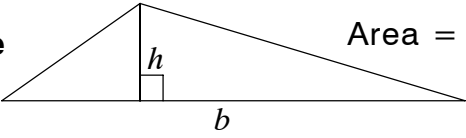
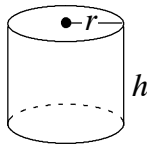
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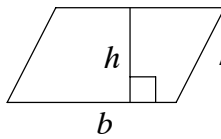
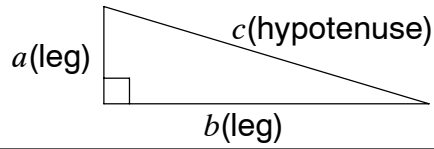
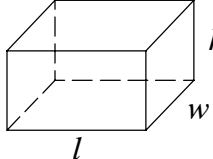
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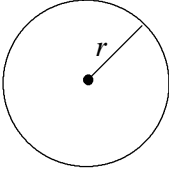
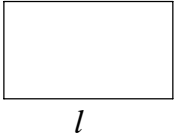
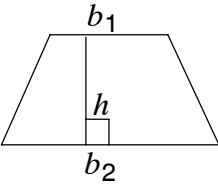
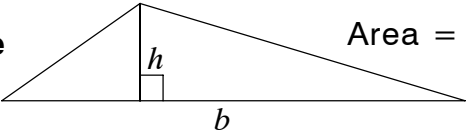
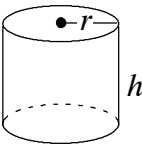
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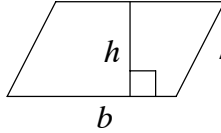
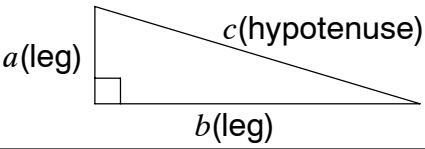
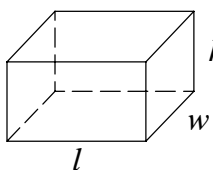
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