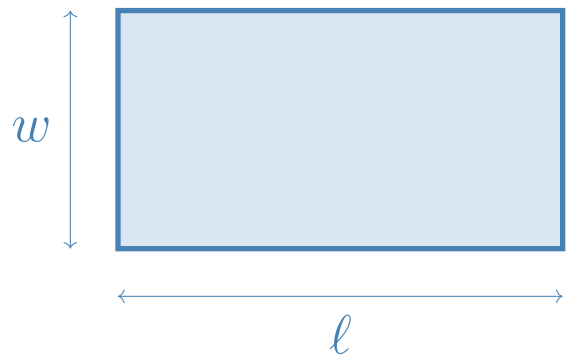
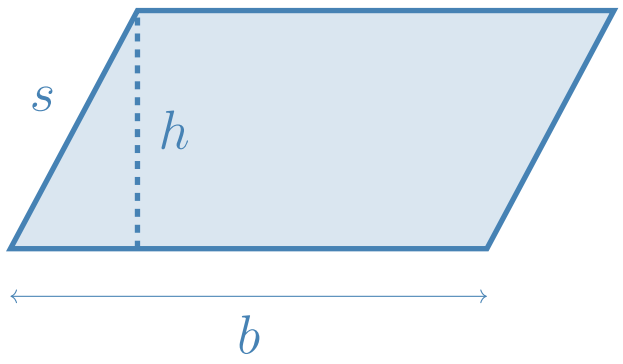
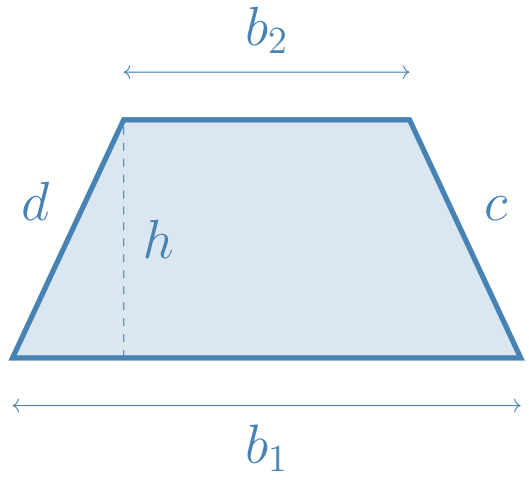
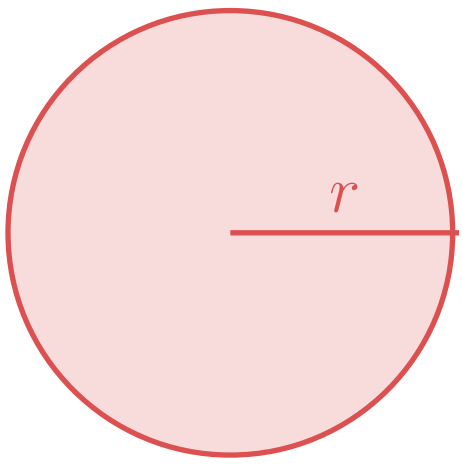
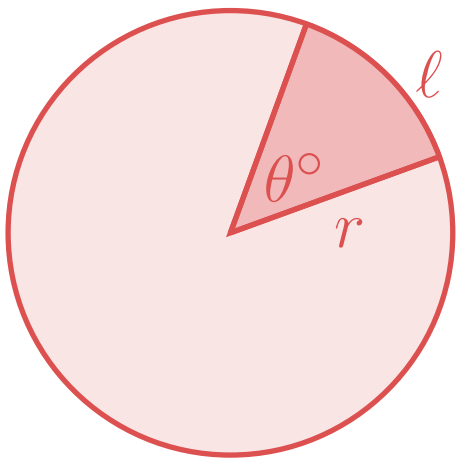
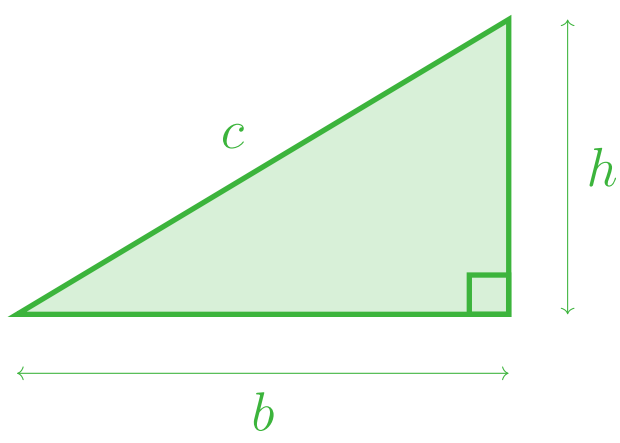
1 Answer Instructions

- If you find more than one correct answer, enter only one answer.
- You can enter up to 6 characters for a positive answer and up to 7 characters (including the negative sign) for a negative answer.
- If your answer is a fraction that doesn't fit in the provided space, enter its decimal equivalent.
- If your answer is a decimal that doesn't fit in the provided space, truncate or round it to three decimal places.
- If your answer is a mixed number (such as $4\frac{1}{2}$), enter it as a decimal equivalent (4.5).
- Do not enter symbols such as a percent sign, comma, or dollar sign.

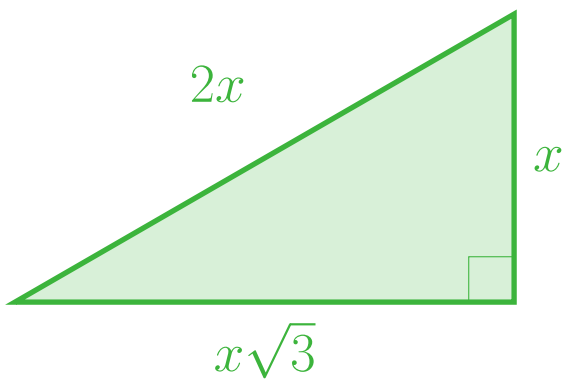
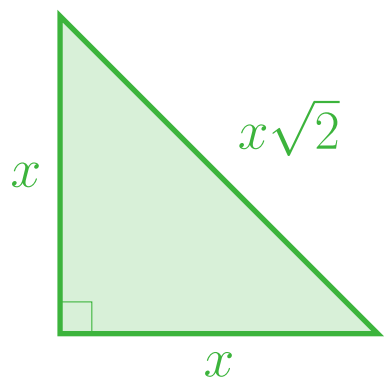
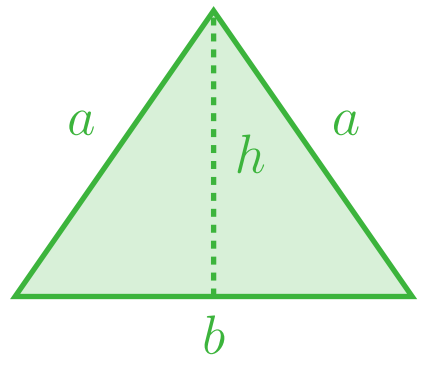
2 Examples

Correct Answer	**Acceptable Entry**	Unacceptable Entry
3.5	**3.5**	3.50
$\frac{1}{2}$	**0.5**	0.50
$\frac{2}{3}$	**0.667**	0.667

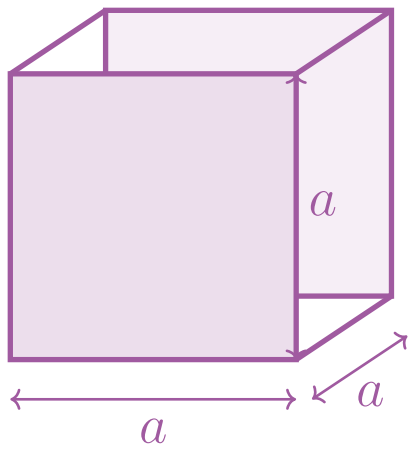
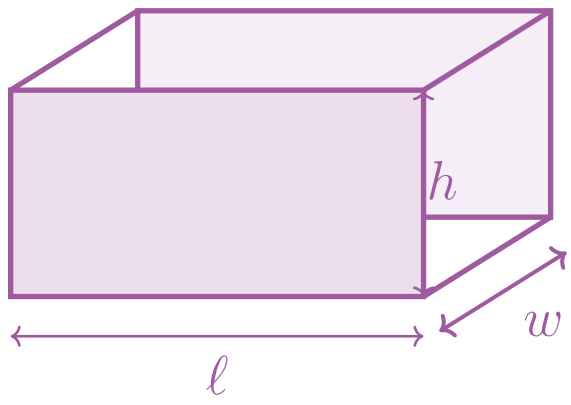
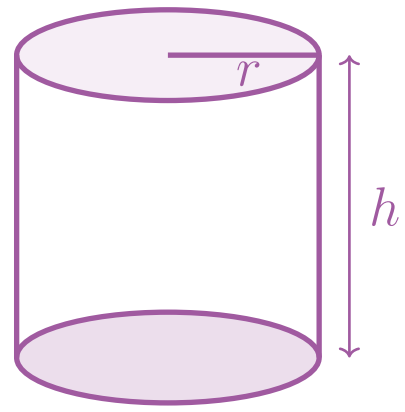
PLANE FIGURES

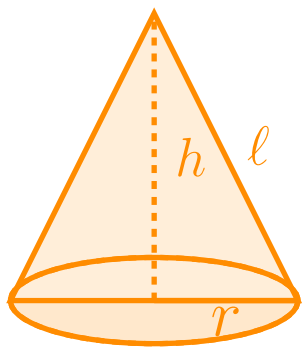
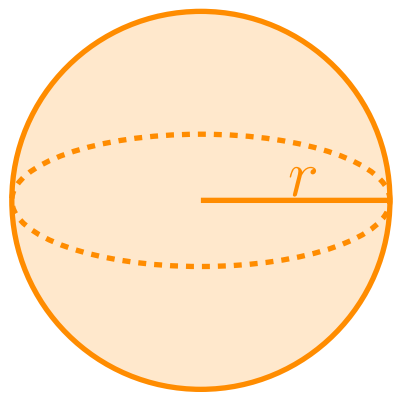
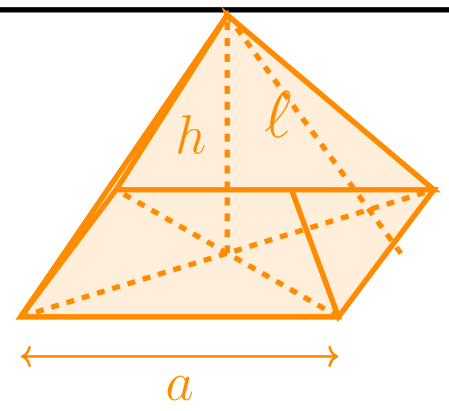
Rectangle	**Parallelogram**	**Trapezoid**
		
Area: $A = \ell \times w$	**Area:** $A = b \times h$	**Area:** $A = \left(\frac{b_1 + b_2}{2}\right) \times h$
Perimeter $P = 2(\ell + w)$	**Perimeter** $P = 2(b + s)$	**Perimeter** $P = b_1 + b_2 + c + d$
Circle	**Sector**	**Right Triangle**
		
Area: $A = \pi r^2$	**Sector Area** $= \frac{\theta}{360}\pi r^2$ **Arc length:** $\ell = \frac{\theta}{360} 2\pi r$	**Area:** $A = \frac{1}{2} b\, h$
Circumference $C = 2\pi r$	**Sector Perimeter** $P = 2r + \frac{\theta}{360}(2\pi r)$	**Perimeter** $P = a + b + c$

PLANE FIGURES - PART 2

$30°$–$60°$–$90°$ **Triangle**	$45°$–$45°$–$90°$ **Triangle**	**Isosceles Triangle**
		
Area: $A = \dfrac{x^2\sqrt{3}}{2}$	**Area:** $A = \dfrac{x^2}{2}$	**Area:** $A = \dfrac{1}{2}\,b\,h$
Perimeter $P = x(3+\sqrt{3})$	**Perimeter** $P = x(2+\sqrt{2})$	**Perimeter** $P = 2a + b$

SOLIDS

Cube	Cuboid	Cylinder
		
Volume: $V = a^3$	**Volume:** $V = \ell \times w \times h$	**Volume:** $V = \pi r^2 h$
Surface Area $SA = 6a^2$	**Surface Area** $SA = 2(\ell \times w + \ell \times h + w \times h)$	**Surface Area** $SA = 2\pi r^2 + 2\pi rh$

Cone	Sphere	Square Pyramid
		
Volume: $V = \frac{1}{3}\pi r^2 h$	**Volume:** $V = \frac{4}{3}\pi r^3$	**Volume:** $V = \frac{1}{3}a^2 h$
Surface Area $SA = \pi r^2 + \pi r\ell$ (Slant high $\ell = \sqrt{r^2 + h^2}$)	**Surface Area** $SA = 4\pi r^2$	**Surface Area** $SA = a^2 + 2a\ell$ (Slant high $\ell = \sqrt{(\frac{a}{2})^2 + h^2}$