

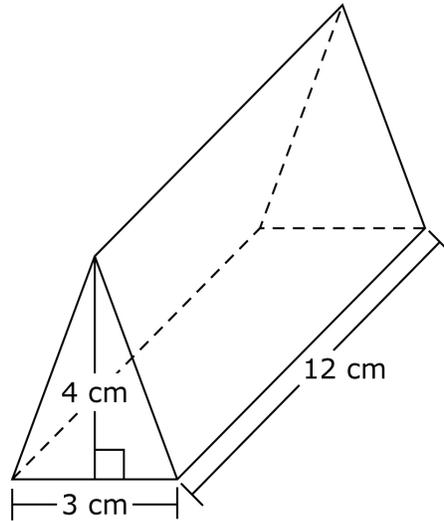
Grade 07 Mathematics Sample CR Item



MAT.07.CR.1.0000G.F.488

Sample Item ID:	MAT.07.CR.1.0000G.F.488
Grade:	07
Claim(s):	Claim 1: Concepts and Procedures Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.
Assessment Target(s):	1 F: Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.
Content Domain:	Geometry
Standard(s):	7.G.6
Mathematical Practice(s):	1, 5
DOK:	2
Item Type:	CR
Score Points:	1
Difficulty:	M
Key:	72
Stimulus/Source:	
Target-Specific Attributes (e.g., Accessibility Issues):	
Notes:	The answer box will accept up to 5 characters, including a decimal point (.) or fraction bar (/).

Look at the triangular prism below. Each triangular face of the prism has a base of 3 centimeters (cm) and a height of 4 cm. The length of the prism is 12 cm.



What is the volume, in cm^3 , of this triangular prism?

cm^3

Key:

72 cm^3

$$V = \left(\frac{1}{2} \times 3 \times 4\right) \times 12 = 6 \times 12 = 72$$