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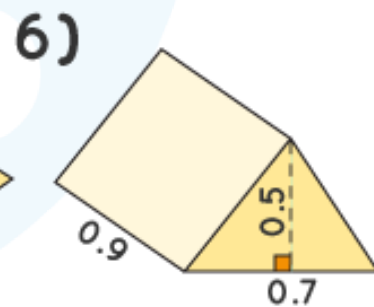
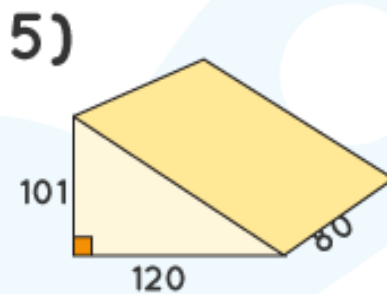
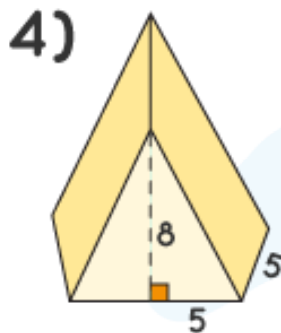
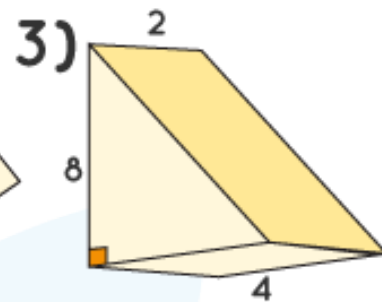
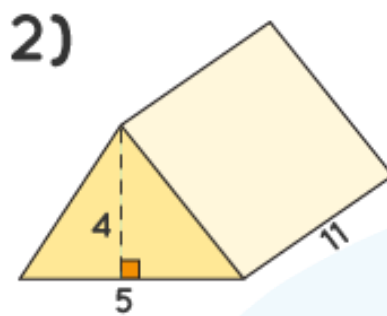
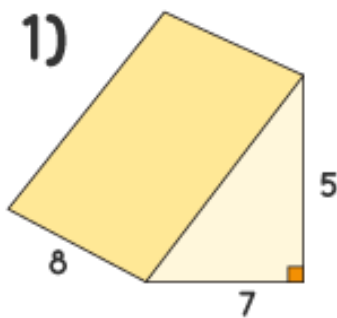
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## Volume of Triangular Prism Worksheets

Find the volume of the given prisms with the given units.

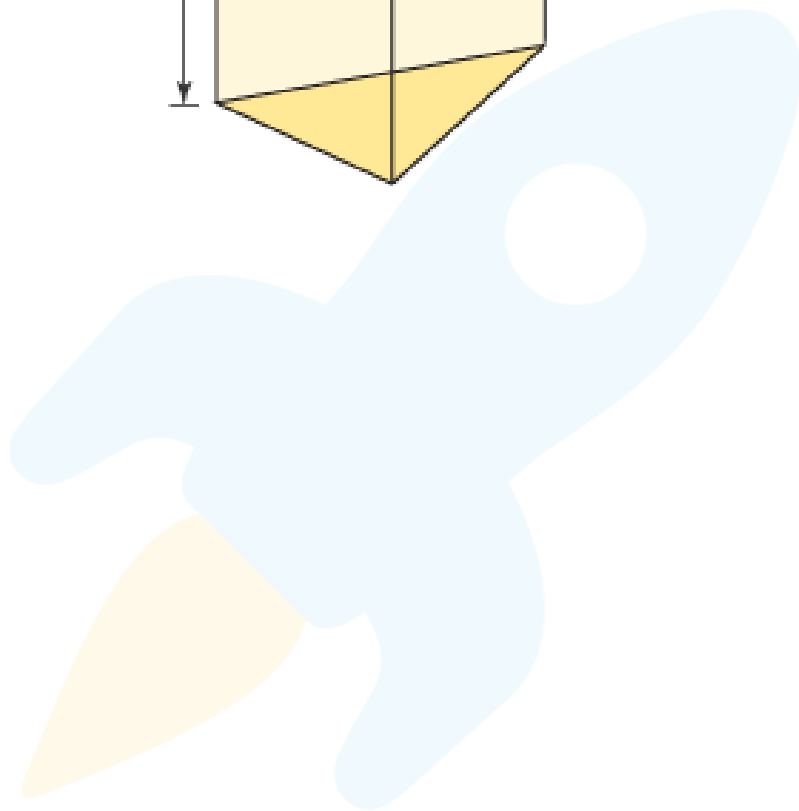
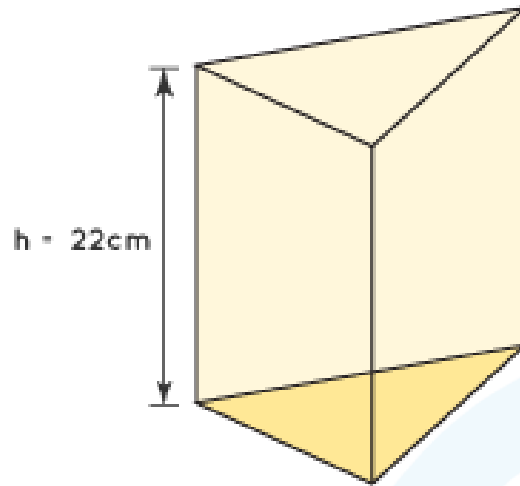


7. A prism has a cross-section of an equilateral triangle of length 10 in. The distance between its bases is 10 in. What is its volume?

8. Find the volume of a triangular prism whose area is  $50 \text{ in}^2$  and height is 11 in.

9. Two prisms with equal base area and height have the same volume. True/False

10. The volume of the given prism is  $1774 \text{ cm}^3$ . Find the base area of the prism.



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"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1. 140 cubic units	6. 1.05 cubic units
2. 110 cubic units	7. 433 cubic inch
3. 32 cubic units	8. 550 cubic inch
4. 100 cubic units	9. True
5. 4,84,800 cubic units	10. 80 square cm.

## FUN FACT

1. A right prism is a prism in which the vertical faces are perpendicular to the base faces.
2. Prisms are named based on the shape of their bases. A hexagonal prism has a hexagonal base.

