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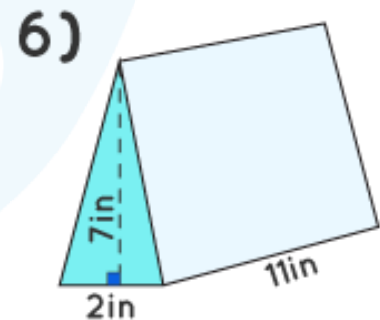
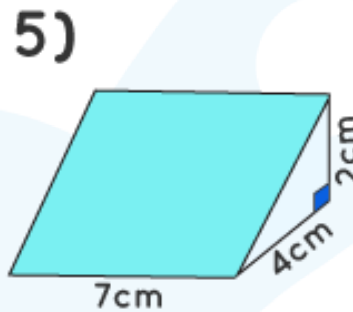
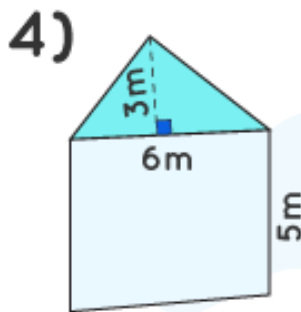
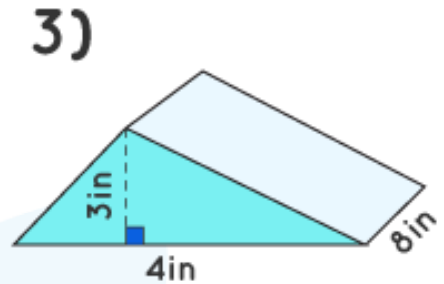
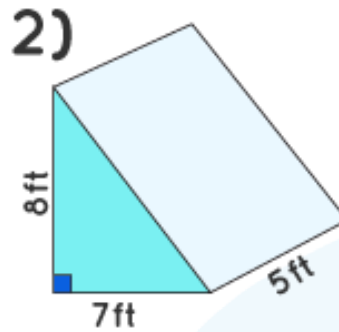
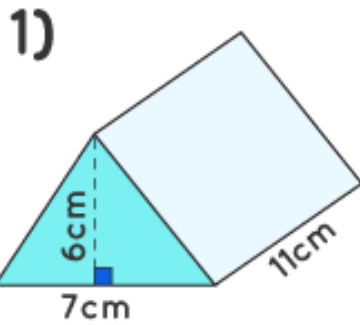
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Volume of Triangular Prism Worksheets

Find the volume of the given prisms.

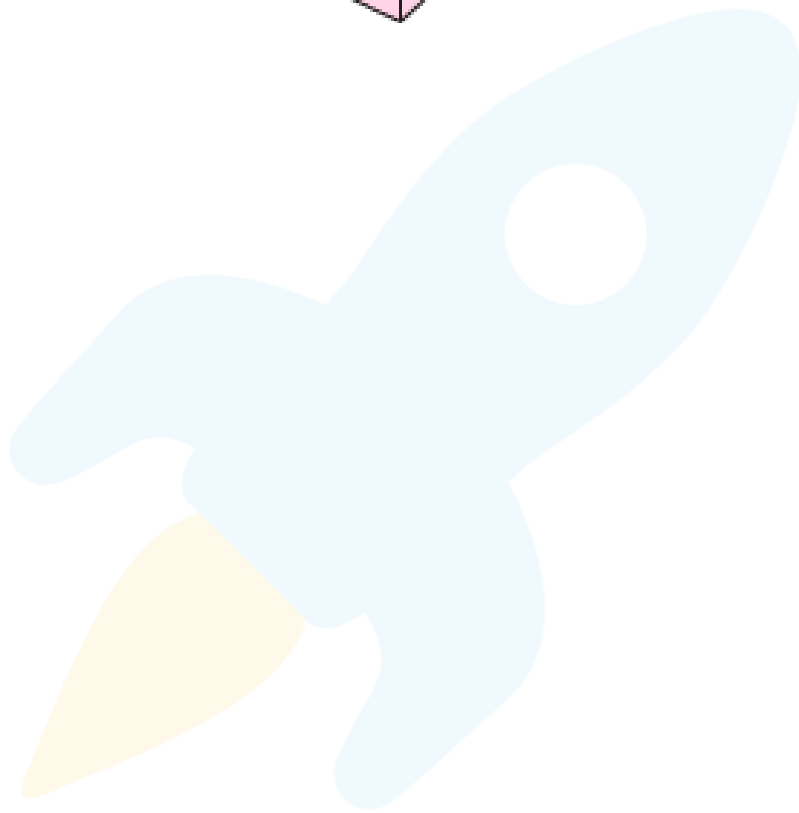
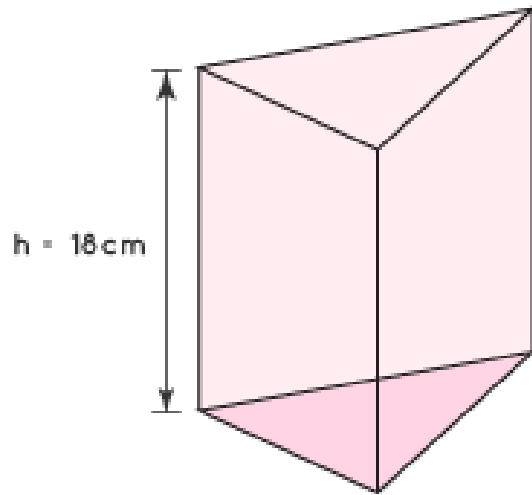


7. A prism has a cross-section of an equilateral triangle of length 8 in. The distance between the bases is 10 in. What is its volume?

8. Find the volume of a triangular prism whose area is 40 in^2 and height is 8 in.

9. What is the difference between a right triangular prism and oblique triangular prism?

10. The volume of the given prism is 11760 cm^3 . Find the base area of the prism.



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- 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. 231 cubic cm.	6. 77 cubic inch
2. 140 cubic ft.	7. 277.1 cubic inch
3. 48 cubic in.	8. 320 cubic inch
4. 45 cubic m.	9. A right prism is a prism in which the vertical faces are perpendicular to the base faces. An oblique prism is the one in which the vertical faces are not perpendicular to the base faces.
5. 28 cubic cm.	10. 653.333 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.

