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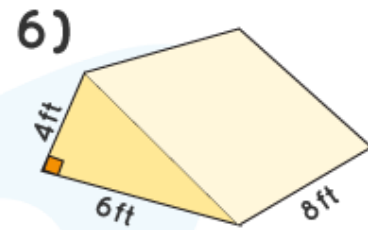
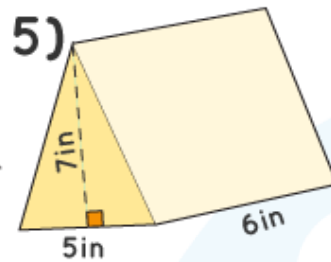
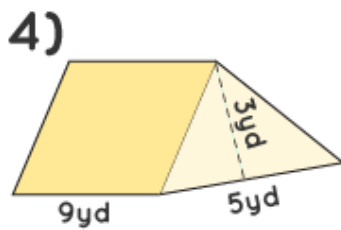
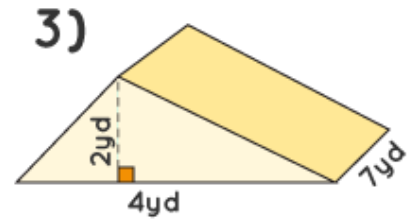
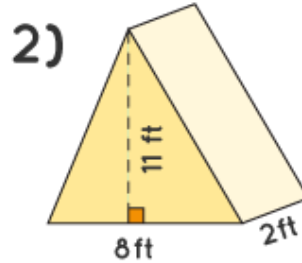
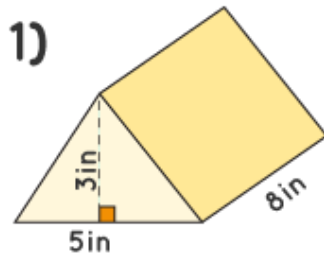
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Volume of Triangular Prism Worksheets

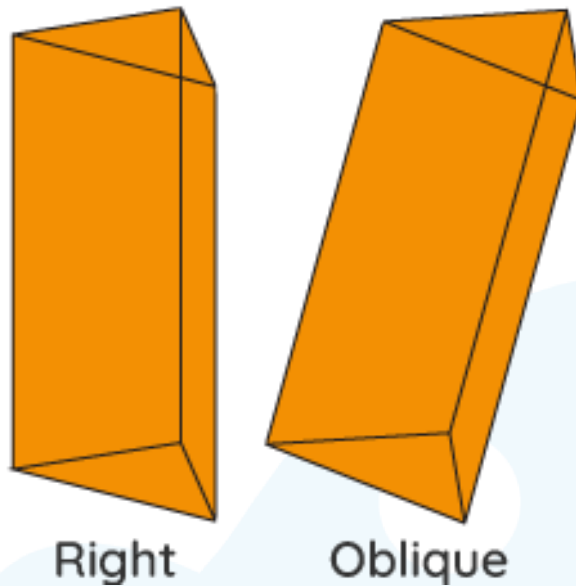
Find the volume of the given prisms.



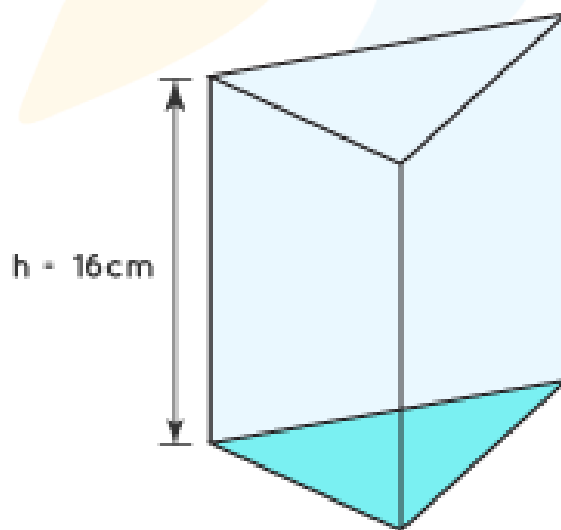
7. A prism has a cross-section of an equilateral triangle of length 6 in. The distance between its two bases is 10 in. What is its volume?

8. Find the volume of a triangular prism whose area is 80 in^2 and height is 16 in.

9. Is the volume of the right and oblique prism are the same given the base area and length of the prism is kept the same?



10. The volume of the given prism is 1678 cm^2 . Find the base area of the prism.



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- Gary Schwartz

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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. 60 cubic inch	6. 96 cubic feet
2. 88 cubic feet	7. 155.9 cubic inch
3. 28 cubic yard	8. 1280 cubic inch
4. 67.5 cubic yard	9. Yes
5. 105 cubic inch	10. 104.875 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.

