

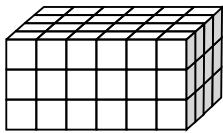
LESSON 26: Volume of Right Rectangular Prisms

Homework

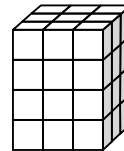
.....
Name _____ **Date** _____

Directions: Find the volume of each prism for Problems 1 - 10.

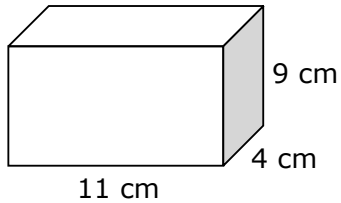
1.



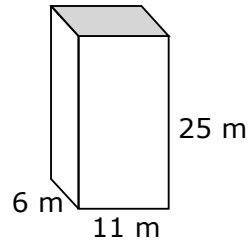
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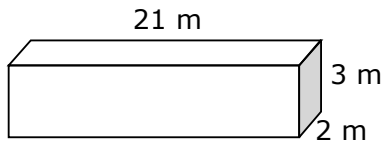
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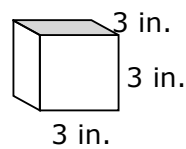
4.



5.



6.



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Name _____

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7. A rectangular prism has a base of 32 cm^2 and a height of 7 cm. What is the volume of the prism?
8. A rectangular prism has a length of 9 ft, a width of 11 ft, and a height of 13 ft. What is the volume of the prism?
9. Camilla has a large box in which she stores her shoes. The area of the bottom of the box is 288 in.^2 . The box has a height of 20 inches. How many cubic inches of shoes can fit inside the box?
10. A plastic container is used to store vegetables and keep them fresh. The length of the container is 14 inches, the width is 5 inches, and the height is 3 inches. How many cubic inches of vegetables can be put in the container?