



Math on the Fly!

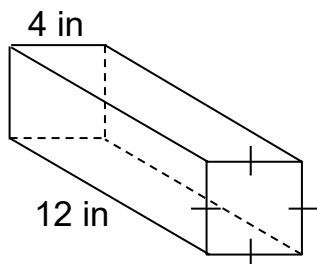


NAME: _____ DATE: _____

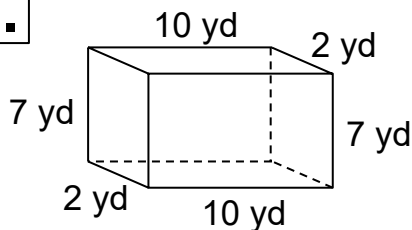
Volume of Rectangular Prisms and Cubes

Find the volume of each figure.

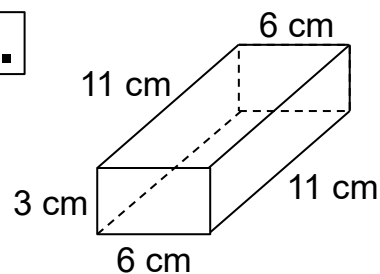
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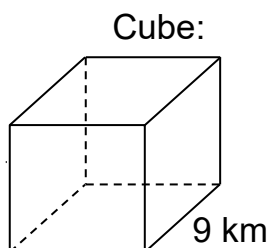
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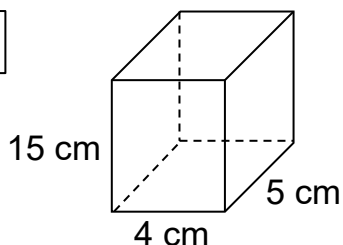
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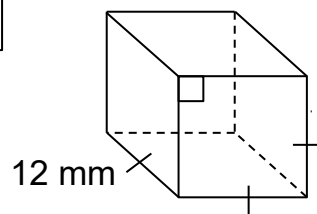
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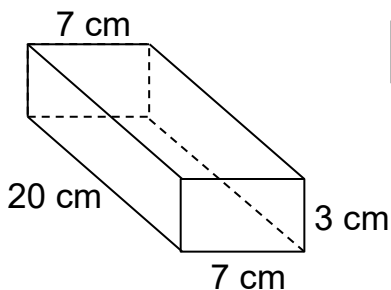
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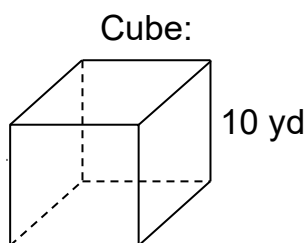
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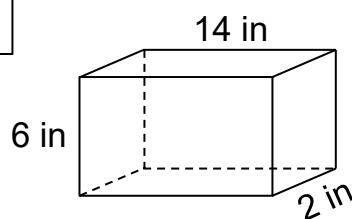
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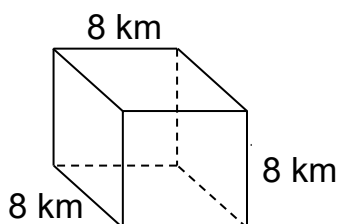
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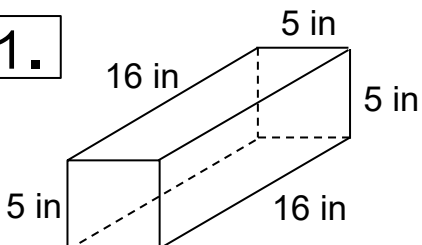
9.



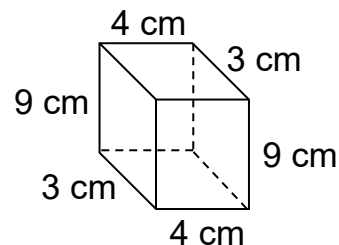
10.



11.



12.



SOLUTIONS

$$\begin{aligned} 1. \quad V &= 12 \cdot 4 \cdot 4 \\ &= 192 \text{ in}^3 \end{aligned}$$

$$\begin{aligned} 2. \quad V &= 2 \cdot 10 \cdot 7 \\ &= 140 \text{ yd}^3 \end{aligned}$$

$$\begin{aligned} 3. \quad V &= 11 \cdot 6 \cdot 3 \\ &= 198 \text{ cm}^3 \end{aligned}$$

$$\begin{aligned} 4. \quad V &= 9 \cdot 9 \cdot 9 \\ &= 729 \text{ km}^3 \end{aligned}$$

$$\begin{aligned} 5. \quad V &= 4 \cdot 5 \cdot 15 \\ &= 300 \text{ cm}^3 \end{aligned}$$

$$\begin{aligned} 6. \quad V &= 12 \cdot 12 \cdot 12 \\ &= 1728 \text{ mm}^3 \end{aligned}$$

$$\begin{aligned} 7. \quad V &= 20 \cdot 7 \cdot 3 \\ &= 420 \text{ cm}^3 \end{aligned}$$

$$\begin{aligned} 8. \quad V &= 10 \cdot 10 \cdot 10 \\ &= 1000 \text{ yd}^3 \end{aligned}$$

$$\begin{aligned} 9. \quad V &= 14 \cdot 2 \cdot 6 \\ &= 168 \text{ in}^3 \end{aligned}$$

$$\begin{aligned} 10. \quad V &= 8 \cdot 8 \cdot 8 \\ &= 512 \text{ km}^3 \end{aligned}$$

$$\begin{aligned} 11. \quad V &= 16 \cdot 5 \cdot 5 \\ &= 400 \text{ in}^3 \end{aligned}$$

$$\begin{aligned} 12. \quad V &= 3 \cdot 4 \cdot 9 \\ &= 108 \text{ cm}^3 \end{aligned}$$