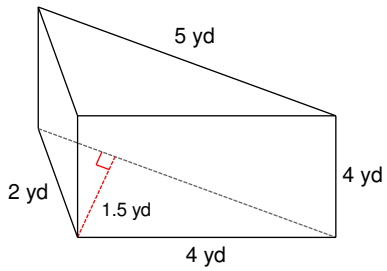
Kuta Software - Infinite Pre-Algebra Name_____

Volumes of Solids

Date_____ Period____

Find the volume of each figure. Round to the nearest tenth.

1)



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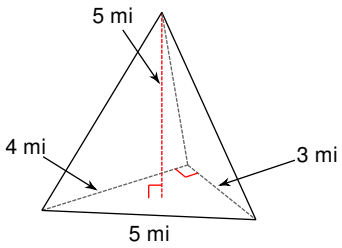

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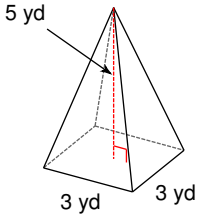

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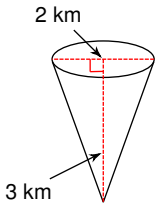

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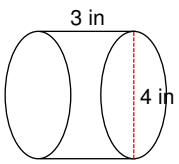

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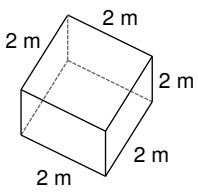

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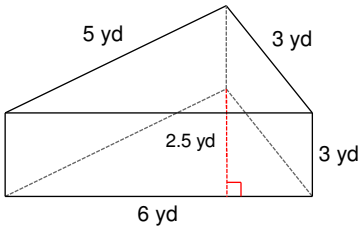

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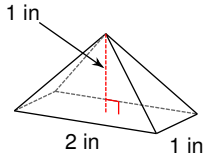

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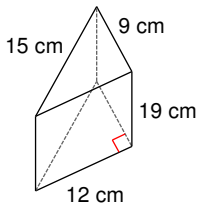

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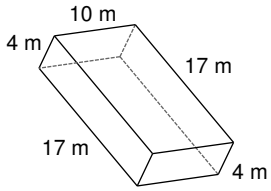

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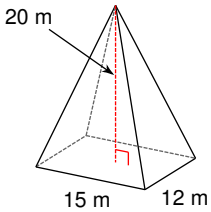

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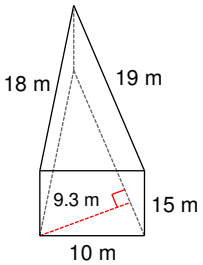

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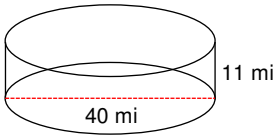

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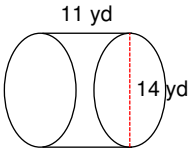

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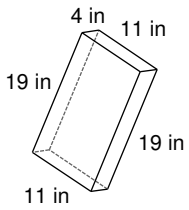

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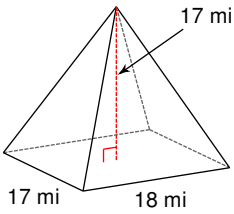


17) A cylinder with a radius of 3 cm and a height of 7 cm.

18) A cone with diameter 20 cm and a height of 20 cm.

19) A cone with diameter 14 yd and a height of 14 yd.

20) A rectangular prism measuring 10 m and 7 m along the base and 12 m tall.

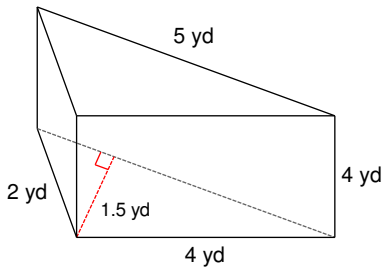
Kuta Software - Infinite Pre-Algebra Name_____

Volumes of Solids

Date_____ Period____

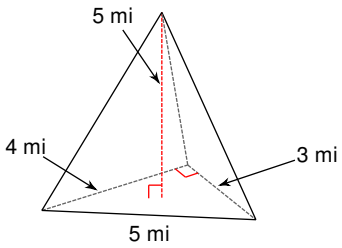
Find the volume of each figure. Round to the nearest tenth.

1)



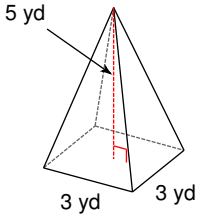
15 yd³

2)



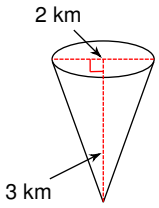
10 mi³

3)



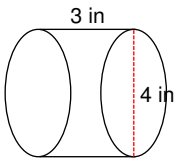
15 yd³

4)



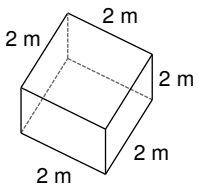
3.1 km³

5)



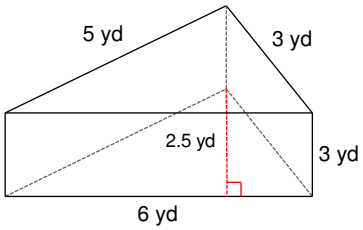
37.7 in³

6)



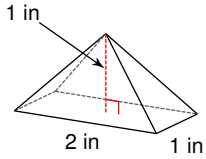
8 m³

7)



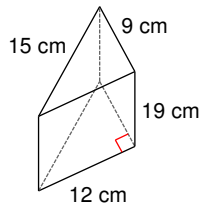
22.5 yd³

8)



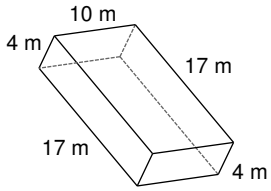
0.7 in³

9)



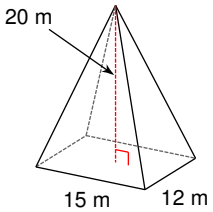
1026 cm³

10)



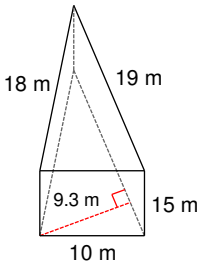
680 m³

11)



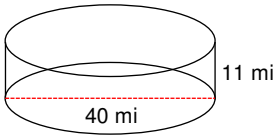
1200 m³

12)



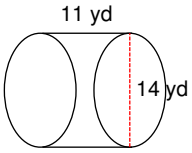
1325.3 m³

13)



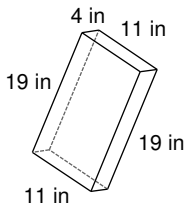
13823 mi³

14)



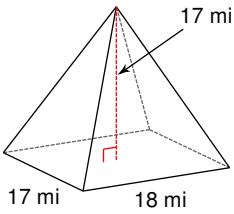
1693.3 yd³

15)



836 in³

16)



1734 mi³

17) A cylinder with a radius of 3 cm and a height of 7 cm.

197.9 cm³

18) A cone with diameter 20 cm and a height of 20 cm.

2094.4 cm³

19) A cone with diameter 14 yd and a height of 14 yd.

718.4 yd³

20) A rectangular prism measuring 10 m and 7 m along the base and 12 m tall.

840 m³