Name _____ Date _____ Class _____

LESSON 10-3

Practice A

Volume of Pyramids and Cones

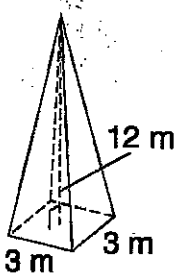
1. Write the formula for the volume of a pyramid. _____

2. Write the formula for the volume of a cone. _____

Find the volume of each pyramid or cone to the nearest whole number. Use 3.14 for π. Cross out each number in the box that matches a volume.

2,826	34	8	500	360	36
471	6	33	7	38	540

3.



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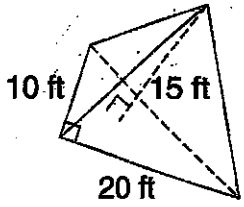
4.



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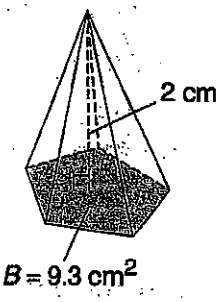
5.



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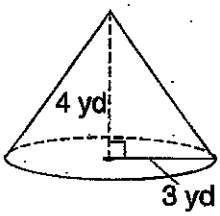

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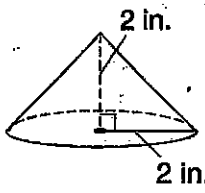
7.



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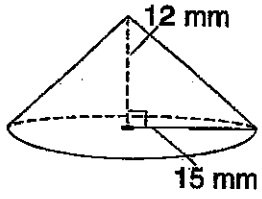

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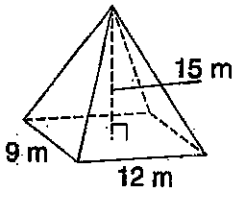
9.



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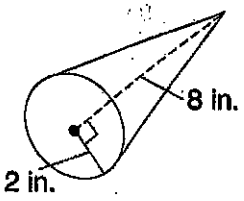
10.



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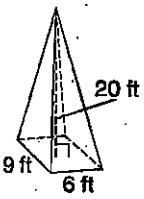
11.



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Name _____ Date _____ Class _____

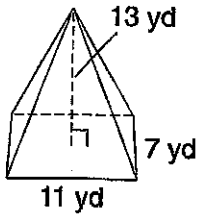
LESSON 10-3

Practice B

Volume of Pyramids and Cones

Find the volume of each pyramid to the nearest tenth.

1.



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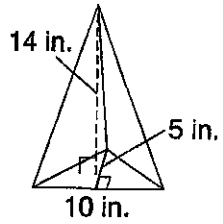
2.



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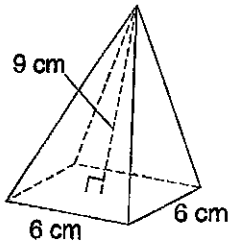
3.



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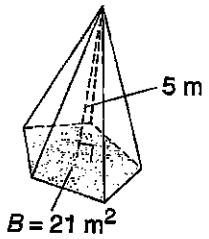
4.



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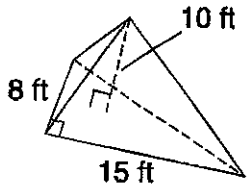
5.



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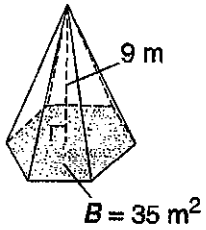
6.



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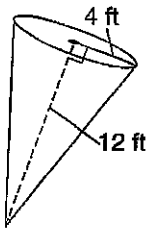
Find the volume of each cone to the nearest tenth.

7.



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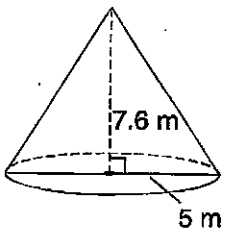
8.



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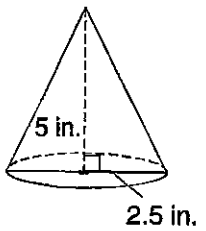
9.



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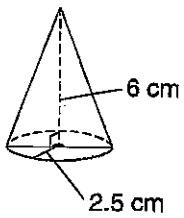
10.



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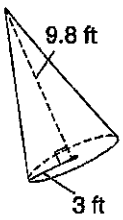
11.



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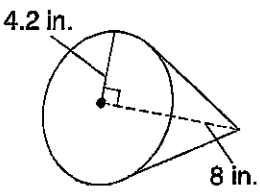

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Name _____ Date _____ Class _____

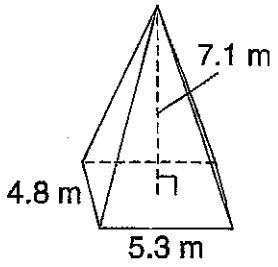
LESSON 10-3

Practice C

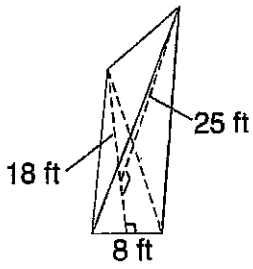
Volume of Pyramids and Cones

Find the volume of each pyramid to the nearest tenth.

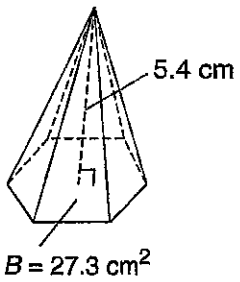
1.



2.



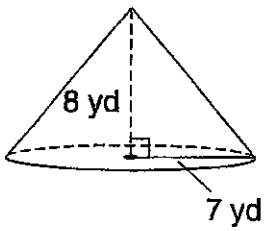
3.



_____ _____ _____

Find the volume of each cone to the nearest tenth.

4.



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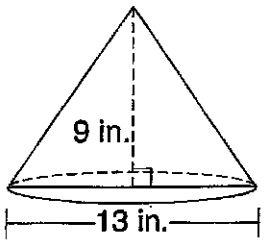

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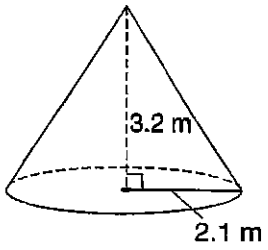

_____ _____ _____

Find the volume of each solid to the nearest tenth.

7. rectangular pyramid 7 ft by 3 ft by 9 ft high _____

8. cone with radius 8 m and height 11 m _____

9. square pyramid with a 4 ft base and height 7 ft _____

10. cone with diameter 15 in. and height 20 in. _____

11. cone with diameter 11 in. and height of 6 in. _____

12. triangular pyramid with height 10 cm and a base that is a right triangle with legs of 3 cm and 4 cm _____