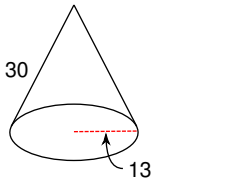
 Name_____

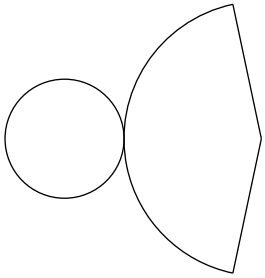
Surface Area of Pyramids and Cones

Date_____ Period____

Copy the measurements given onto the net of each solid.

1)





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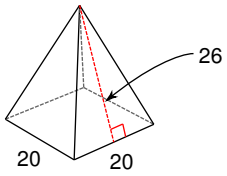

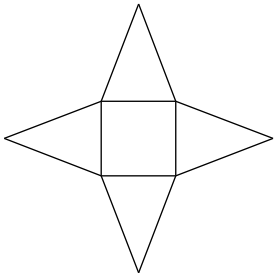

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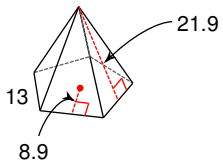

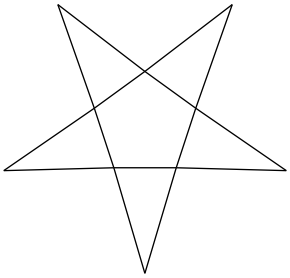

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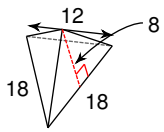

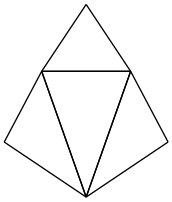

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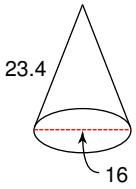

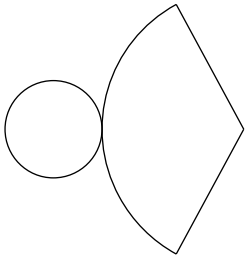

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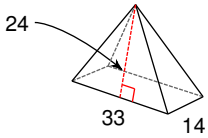
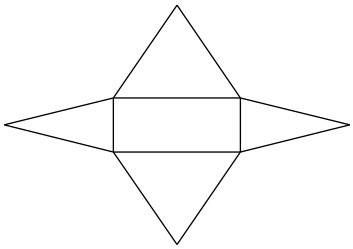
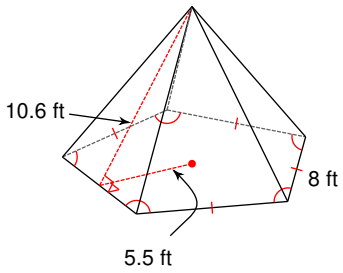




Find the lateral area and surface area of each figure. Round your answers to the nearest tenth, if necessary.

7)



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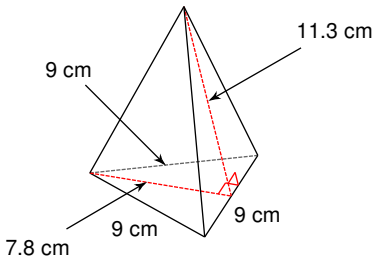

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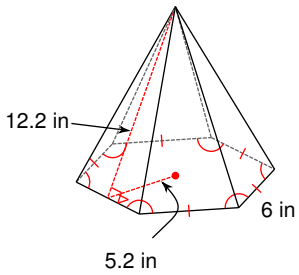

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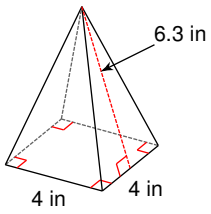

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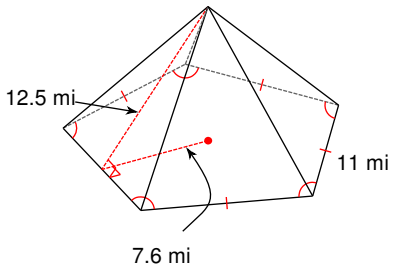

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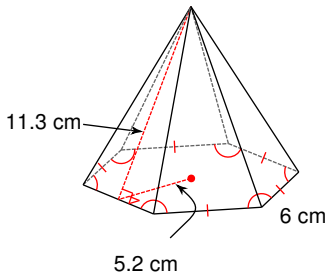


13) A pyramid with slant height 6.8 mi whose triangular base measures 11 mi on each side. Each altitude of the base measures 9.5 mi.

14) A rectangular pyramid measuring 4 in and 9 in along the base, with slant heights of 10.1 in and 9.2 in, respectively.

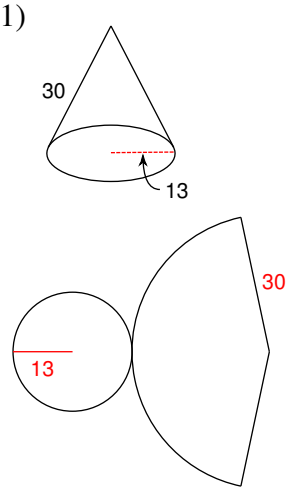
 Name_____

Surface Area of Pyramids and Cones

Date_____ Period____

Copy the measurements given onto the net of each solid.

1)



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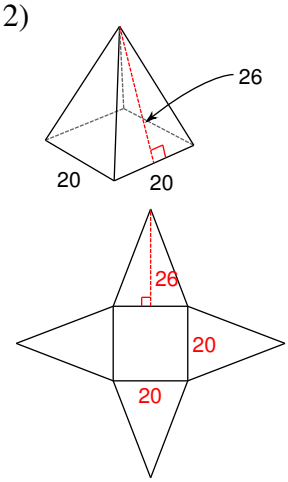

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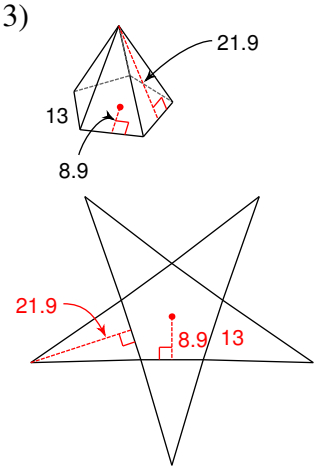

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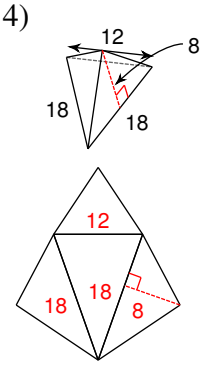

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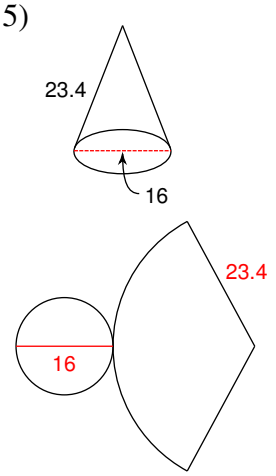

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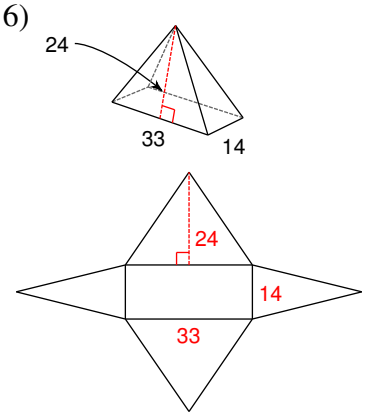

Find the lateral area and surface area of each figure. Round your answers to the nearest tenth, if necessary.

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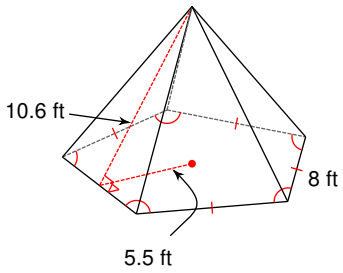
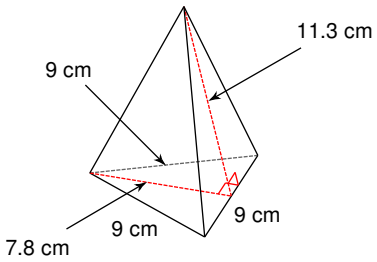


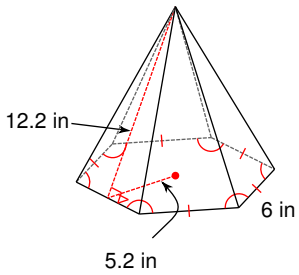
212 ft²; 322 ft²

8)



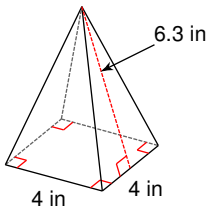
152.6 cm²; 187.7 cm²

9)



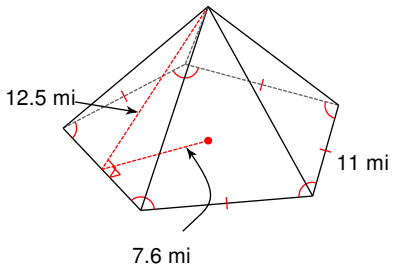
219.6 in²; 313.2 in²

10)



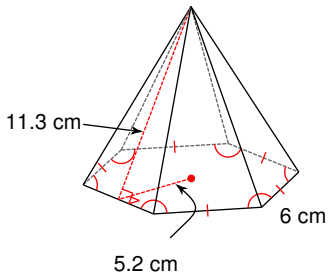
50.4 in²; 66.4 in²

11)



343.8 mi²; 552.8 mi²

12)



203.4 cm²; 297 cm²

13) A pyramid with slant height 6.8 mi whose triangular base measures 11 mi on each side. Each altitude of the base measures 9.5 mi.

112.2 mi²; 164.5 mi²

14) A rectangular pyramid measuring 4 in and 9 in along the base, with slant heights of 10.1 in and 9.2 in, respectively.

123.2 in²; 159.2 in²

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