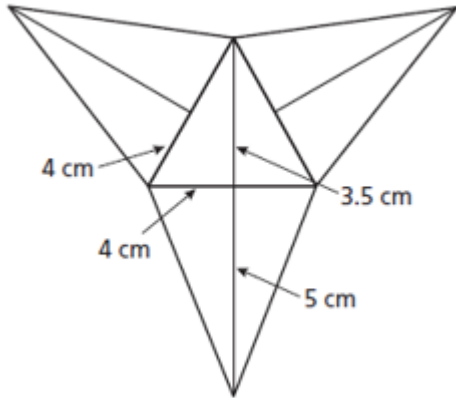


Name _____
HW #9.2

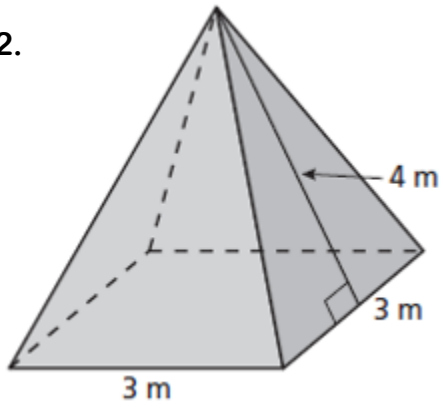
Date _____
Period _____

Find the surface area of the regular pyramids below.

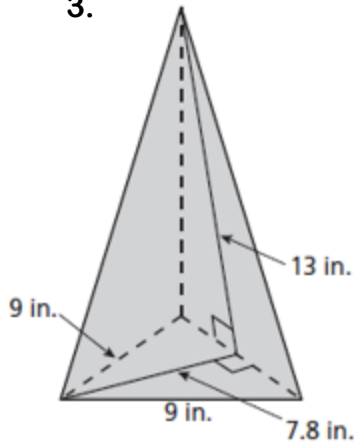
1.



2.



3.



4. Your friend is purchasing an umbrella with a slant height of 4 feet. There are a variety of umbrellas to choose from. Find the lateral surface area of each umbrella.

a. Red Umbrella

Shape: Regular Pentagonal Pyramid

Side Length: 3 feet

b. Yellow Umbrella

Shape: Regular Hexagonal Pyramid

Side Length: 2.5 feet

c. Blue Umbrella

Shape: Regular Octagonal Pyramid

Side Length: 1.9 feet

d. Based on the lateral surface areas, would you suggest that your friend pick the umbrella that is her favorite color? Explain.