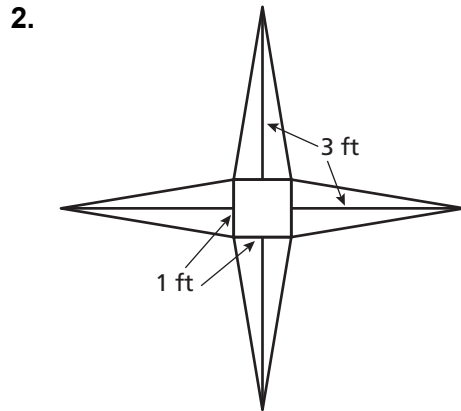
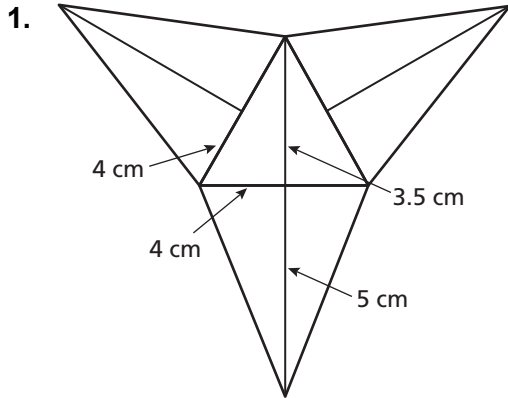


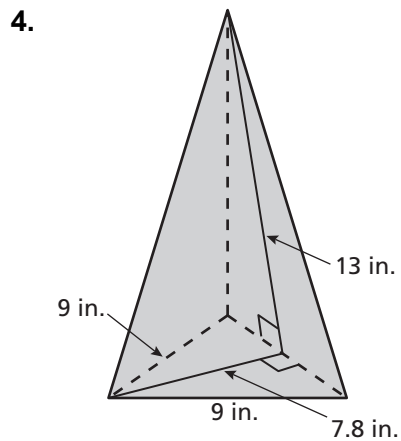
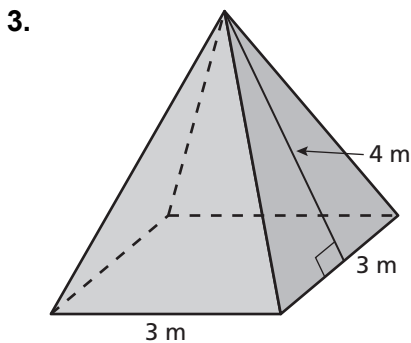
14.2

Practice A

Use the net to find the surface area of the regular pyramid.



Find the surface area of the regular pyramid.



5. Your friend is purchasing an umbrella with a slant height of 4 feet. There are a variety of such umbrellas to choose from.
- A red umbrella is shaped like a regular pentagonal pyramid with a side length of 3 feet. Find the lateral surface area of the red umbrella.
 - A yellow umbrella is shaped like a regular hexagonal pyramid with a side length of 2.5 feet. Find the lateral surface area of the yellow umbrella.
 - A blue umbrella is shaped like a regular octagonal pyramid with a side length of 1.9 feet. Find the lateral surface area of the blue umbrella.
 - Based on lateral surface areas, would you suggest that your friend pick the umbrella that is her favorite color? Explain.