How Much Is A Skunk Worth?

Write the letter of each answer in the box containing the exercise number.

Find the surface area of the pyramid. The side lengths of the base are equal.

1. 2.

3. 4.

5. 6.

7. 8.

9. The top of a lantern is shaped like a square pyramid. The side lengths of the base are equal. Find the surface area of the top of the lantern.

Answers

O. $75 \text{ in}^2$
E. $207 \text{ in}^2$
C. $123.6 \text{ in}^2$
N. $163.5 \text{ in}^2$
E. $260 \text{ in}^2$
T. $129.6 \text{ in}^2$
S. $85.75 \text{ in}^2$
N. $259.2 \text{ in}^2$
3 **ACTIVITY:** Estimating the Surface Area of a Triangular Pyramid

Work with a partner. Label each face in the net of the triangular pyramid as a “base” or a “lateral face.” Then estimate the surface area of the pyramid.

4 **ACTIVITY:** Finding the Surface Area of a Square Pyramid

Work with a partner. Draw a net for each square pyramid. Use the net to find the surface area of the pyramid.

a.  

b.