

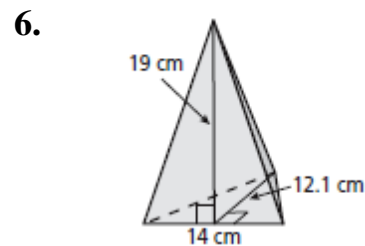
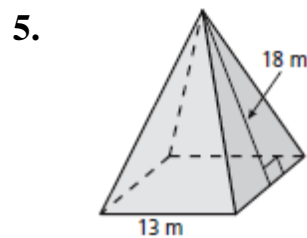
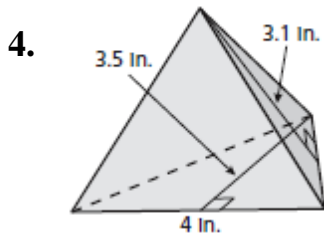
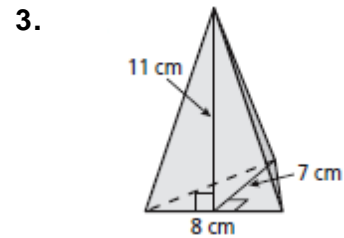
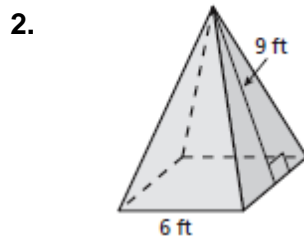
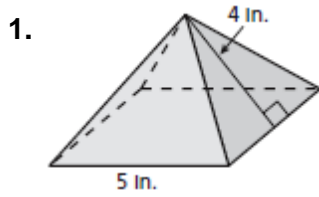
Surface Area of Pyramids

You must earn 6 points!

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

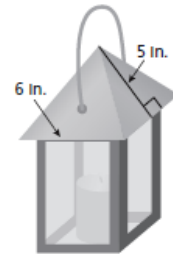
1

point



Solve the word problem.

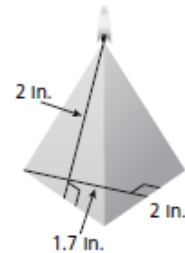
7. The top of a lantern is shaped like a square pyramid. The side lengths of the base are equal. Find the surface area of the top of the lantern.



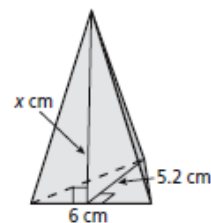
2

points

8. A candle is shaped like a triangular pyramid. The side lengths of the base are equal. Find the surface area of the candle.



9. The surface area of a triangular pyramid is 96.6 square centimeters. The side lengths of the base are 6 centimeters, and the height of the base is 5.2 centimeters. What is the slant height?



Reflecting Back

You must complete ALL 6 problems!

1. Simplify the expression by using the Distributive Property and then combining like terms.

$$6(y + 4) + 6$$

2. Write the word sentence as an equation.

The quotient of 144 and a number x is 12.

3. Tell whether the given value is a solution of the equation.

$$3.5w = 24.5; \quad w=6$$

4. Find the whole.

60% of what number is 90?

5. Find the unit rate.

You receive 45 text messages in 9 minutes.
What is the rate of text messages per minute?

6. Evaluate the expression.

$$(36 \div 6) + 4 + 5^2$$