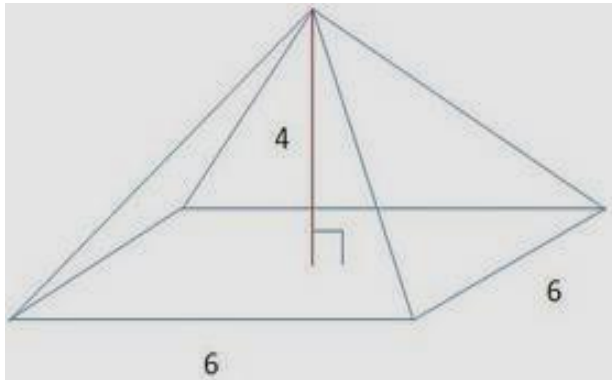
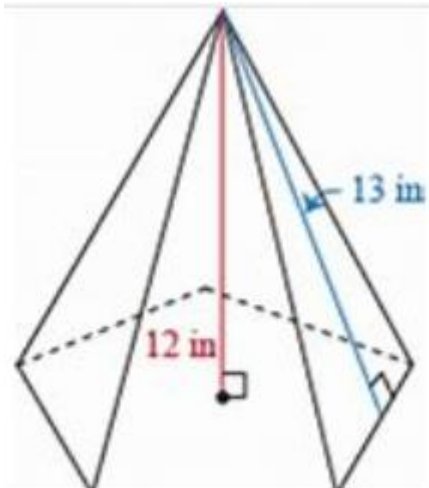


1) Find the surface area of this square pyramid.

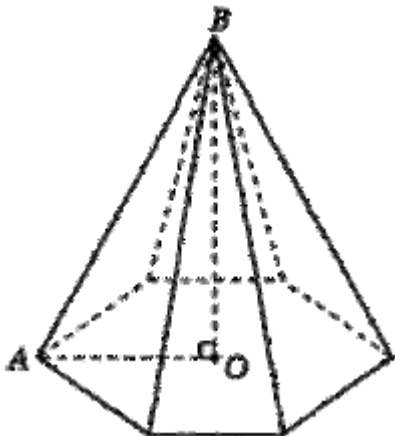


2) Find the surface area of this regular pentagonal pyramid.

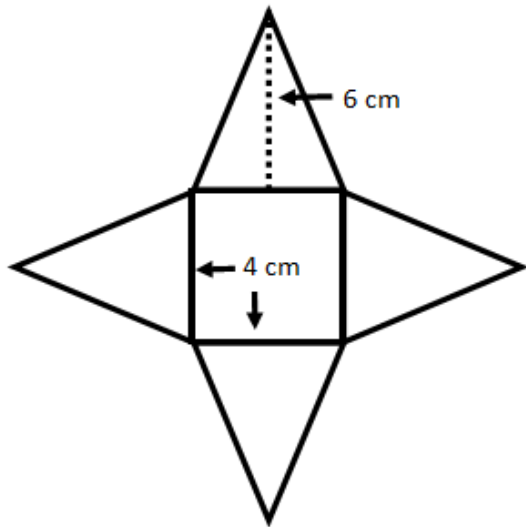


3) Find the surface area of this regular hexagonal pyramid.

BO = 12 and AO = 5.



- 4) Michael is making a paper model of a castle. Part of the model involves cutting out the net shown and folding it into a pyramid. The pyramid has a square base. What is the lateral surface area (just the sides) of the resulting pyramid?
-



- 5) A game needs random numbers between 1 and 8, inclusive. For that purpose the game uses a die in the shape of a regular octahedron. A regular octahedron can be made by attaching two square pyramids at their bases. The lateral faces are congruent equilateral triangles with side lengths of 2 cm. What is the surface area of the die?

