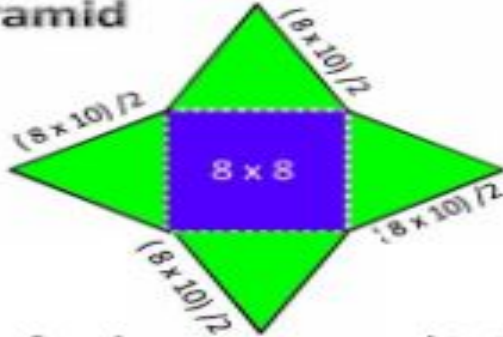
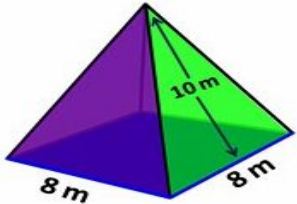


# Day 5: Surface Area - Square Pyramids Lesson

Finding surface area: find the area of the base (square), find the area of the side triangle and multiply by four, then add the base area and area of the side triangles together.

## Square Base Pyramid



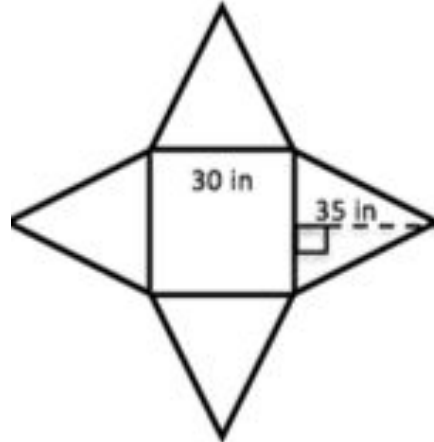
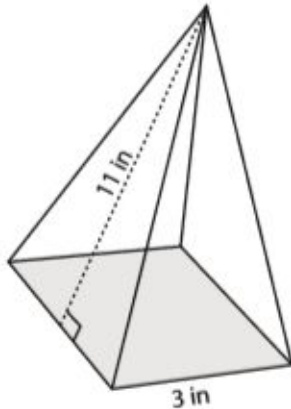
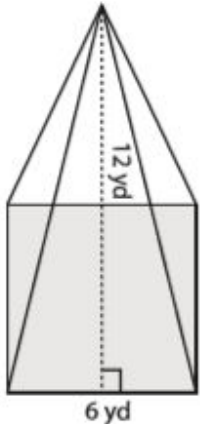
Area of the square base:  $s^2 = (8)(8) = 64$

Area of the triangles:  $\frac{1}{2}bh = \frac{1}{2} (8)(10) = 40$

Area of triangles multiplied by 4:  $40(4) = 160$

Total area:  $64 + 160 = 224m^2$

Find the surface area of each pyramid. Round to the nearest whole number. Show your work!!



Lesson Extra Practice Resources:

Online Activity:  
[Khan Academy Extra Practice](#)

Video:  
[Surface Area Square Pyramid](#)