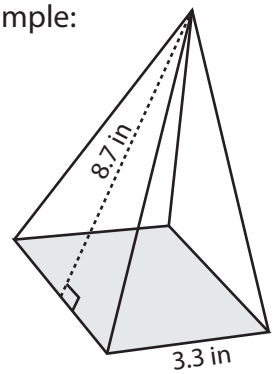
Name : _____ Score : _____

Surface Area - Square Pyramid

Example:



Surface area = base area + $\frac{1}{2}$ x perimeter x slant height

Base area = side x side = 3.3 x 3.3 = 10.89 in^2

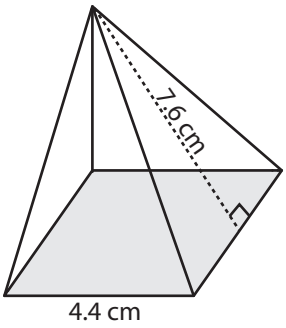
Perimeter = 4 x side = 4 x 3.3 = 13.2 in

Surface area = 10.89 + $\frac{1}{2}$ x 13.2 x 8.7

= **68.31 in^2**

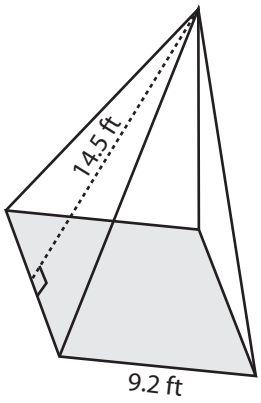
Find the surface area of each square pyramid.

1)



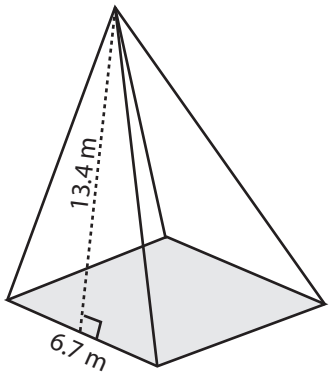
Surface Area = _____

2)



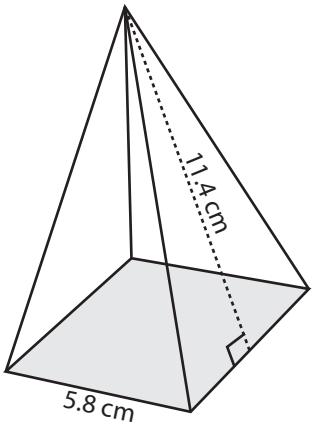
Surface Area = _____

3)



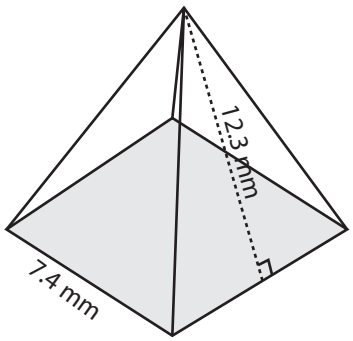
Surface Area = _____

4)



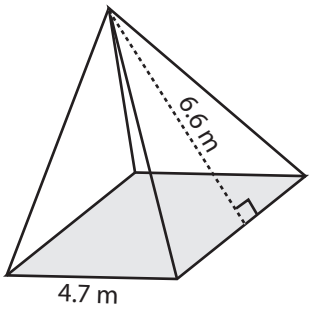
Surface Area = _____

5)



Surface Area = _____

6)

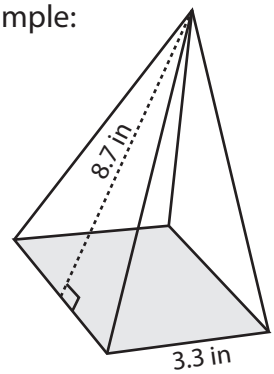


Surface Area = _____

Name : _____ Score : _____

Answer Key

Example:



Surface area = base area + $\frac{1}{2}$ x perimeter x slant height

Base area = side x side = 3.3 x 3.3 = 10.89 in^2

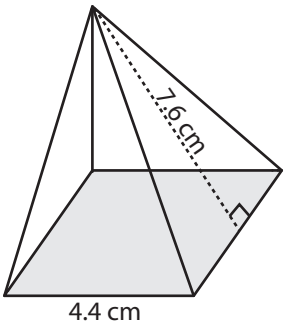
Perimeter = 4 x side = 4 x 3.3 = 13.2 in

Surface area = 10.89 + $\frac{1}{2}$ x 13.2 x 8.7

= **68.31 in^2**

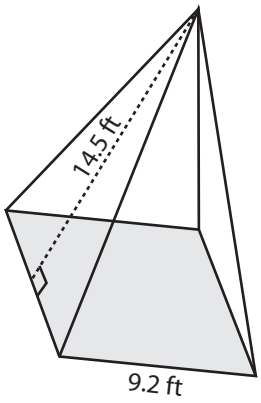
Find the surface area of each square pyramid.

1)



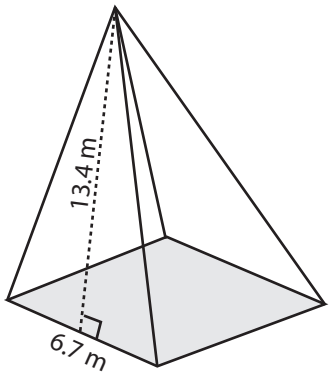
Surface Area = **86.24 cm^2**

2)



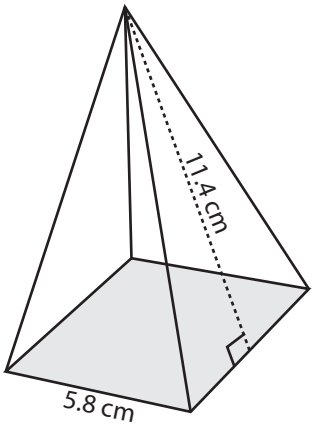
Surface Area = **351.44 ft^2**

3)



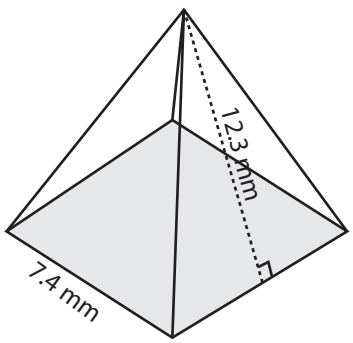
Surface Area = **224.45 m^2**

4)



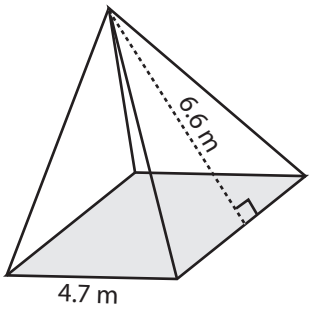
Surface Area = **165.88 cm^2**

5)



Surface Area = **236.8 mm^2**

6)



Surface Area = **84.13 in^2**