

8.3 SURFACE AREA OF PYRAMIDS

Guided Notes

1

EXAMPLE 1 Finding the Surface Area of a Square Pyramid

Find the surface area of the square pyramid.

Use a _____ to find the _____ of each

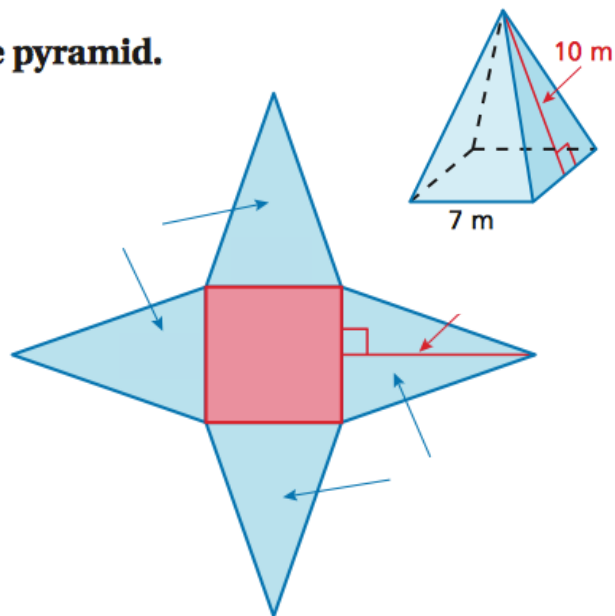
Bottom:

Side:

Side:

Side:

Side:



Find the _____ of the _____ of the

$$\text{Surface Area} = \quad + \quad + \quad + \quad +$$

$$S = \quad + \quad + \quad + \quad + \quad =$$

So, the surface area is

EXAMPLE 2 Finding the Surface Area of a Triangular Pyramid

2

Find the surface area of the triangular pyramid.

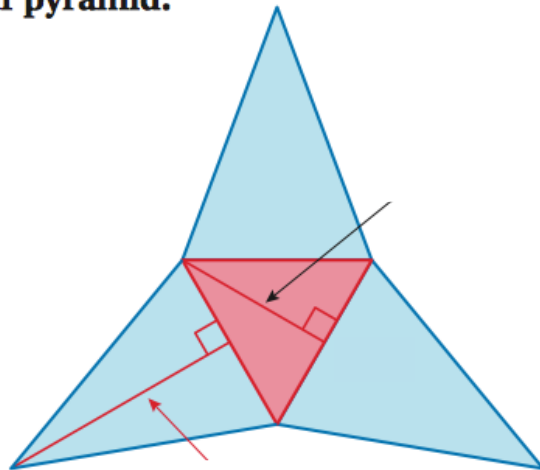
Use a _____ to find the _____ of each

Bottom:

Side:

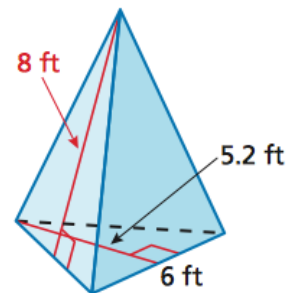
Side:

Side:



Find the _____ of the _____ of the

$$\begin{aligned} \text{Surface Area} &= \quad + \quad + \quad + \\ S &= \quad + \quad + \quad + \\ &= \end{aligned}$$



So, the surface area is