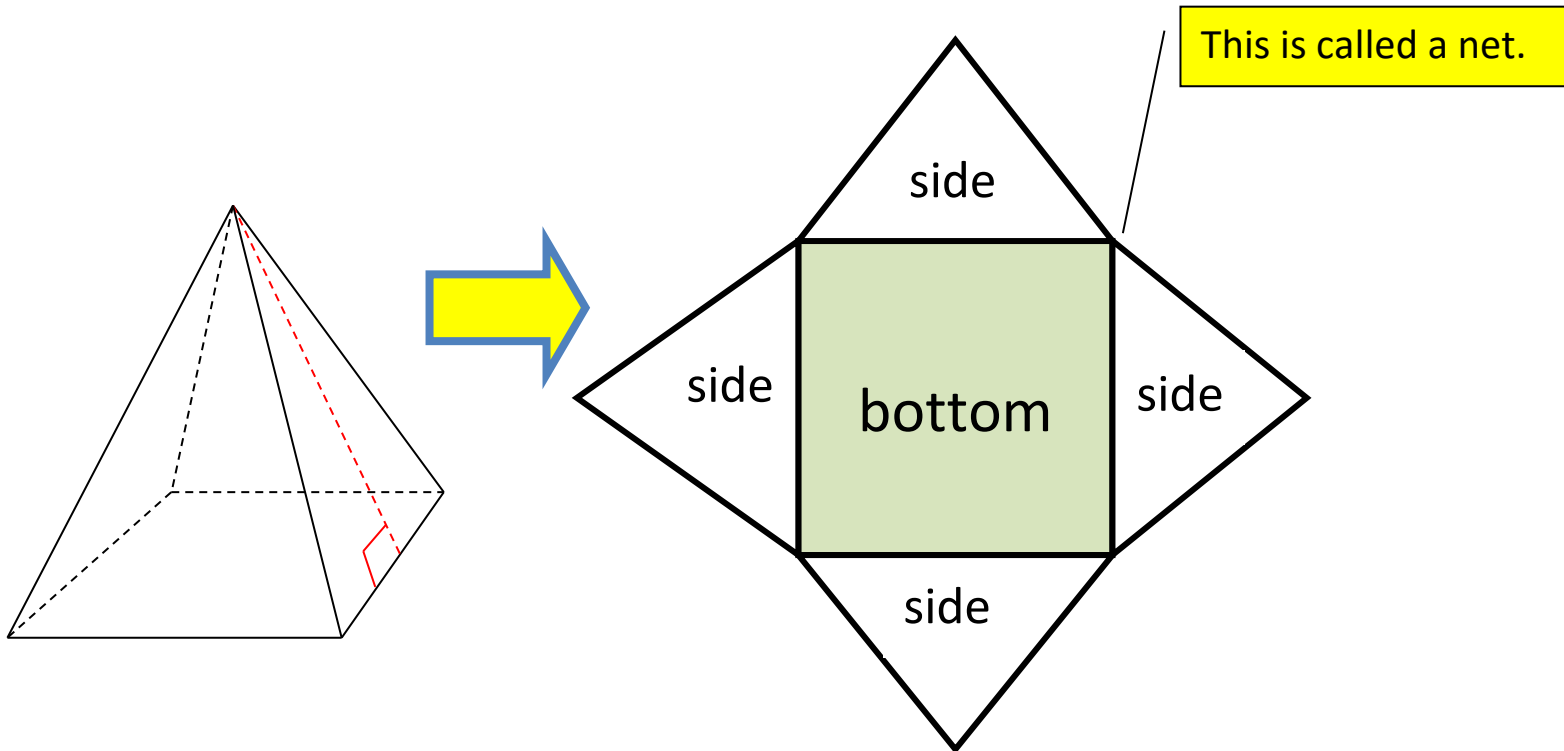


The **surface area** of a square pyramid is the **sum** of the areas of its 5 faces.



Surface Area of a **Square Pyramid** is...

$$S.A. = B + 4T$$

Where **B** = area of the base (length x width)

Where **T** = area of a triangular face ( $\frac{1}{2}$  base x height)

Example: Find the surface area of the square pyramid.

$$\begin{aligned} \text{S.A.} &= B + 4T \\ &= (8 \cdot 8) + 4 \left( \frac{1}{2} \cdot 8 \cdot 6 \right) \\ &= 64 + 96 \\ &= 160 \text{ m}^2 \end{aligned}$$

