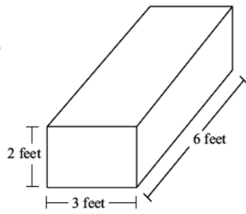


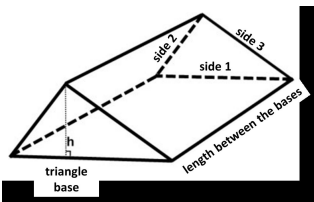
Notes - Surface Area of Triangular Prisms.notebook

Warm-Up: calculate the surface area of the rectangular prism



Surface Area of Triangular Prisms

Important Measurements to find Surface Area



Surface Area = sum of the area of the faces

2 congruent triangles

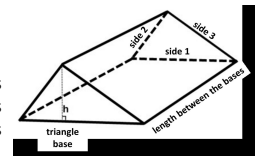
$$A_T = \frac{1}{2} b h$$

3 rectangles

$$A_1 = \text{side 1} \times \text{length between the bases}$$

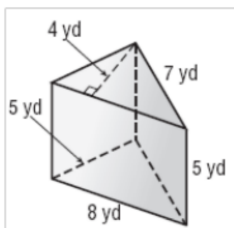
$$A_2 = \text{side 2} \times \text{length between the bases}$$

$$A_3 = \text{side 3} \times \text{length between the bases}$$

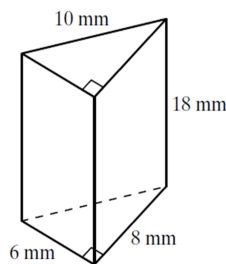


$$\text{Surface Area} = 2A_T + A_1 + A_2 + A_3$$

Calculate the surface area of the triangular prism.

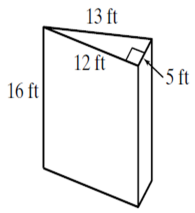


Calculate the surface area of the triangular prism.



Notes - Surface Area of Triangular Prisms.notebook

Calculate the surface area of the triangular prism.



Calculate the surface area of the triangular prism.

