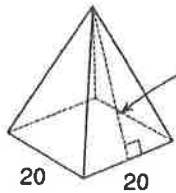


Key

Surface Area of Pyramids Practice

1.



$$20 \times 20 = 400$$

$$20 \cdot 20 = 400$$

$$\frac{bh}{2} = \frac{20 \cdot 26}{2} = 260$$

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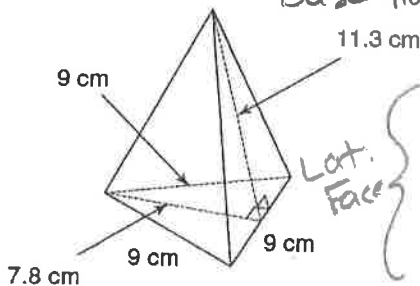
$$260$$

$$260$$

$$260$$

1440 units²

2.



Base 7.8



$$\frac{7.8 \cdot 9}{2} = 35.1$$

11.3 cm



$$\frac{b \cdot h}{2} = 50.85$$

Lateral Face



$$\frac{11.3 \cdot 9}{2} = 50.85$$



$$= 50.85$$

187,165 cm²

3. The Great Pyramid of Giza is a square pyramid with each side measuring 750 feet and the slant height of the pyramid is 480 feet. What is the surface area of the Great Pyramid?

$$750 \times 750 = 562500$$

$$750 \cdot 750 = 562500$$

$$\frac{bh}{2} = \frac{480 \cdot 750}{2} = 180000$$

$$\frac{bh}{2} = \frac{480 \cdot 750}{2} = 180000$$



$$180,000$$



$$180,000$$



$$180,000$$

1282,500 ft²