

## Lateral Surface Area of a Triangular Pyramid

01. A triangular pyramid has a base with sides measuring 3 cm, 4 cm, and 5 cm. If the slant height is 9 cm, what is its lateral surface area?
02. The lateral surface area of a triangular pyramid is 800 square units. If the base perimeter is 200 units and the slant height is 20 units, what is the height of the pyramid?
03. A triangular pyramid has a base with sides measuring 7 cm, 10 cm, and 12 cm. If the height of the pyramid is 8 cm, what is its lateral surface area?
04. The lateral surface area of a triangular pyramid is 840 square units. If the base perimeter is 210 units and the height of the pyramid is 7 units, what is the slant height?
05. A triangular pyramid has a base with sides measuring 15 cm, 20 cm, and 25 cm. If the slant height is 14 cm, what is its lateral surface area?
06. The lateral surface area of a triangular pyramid is 960 square units. If the base perimeter is 240 units and the slant height is 24 units, what is the height of the pyramid?