

Surface Area of a Square Pyramid

Name: _____

Date: _____

To find the surface area of a square pyramid ($A = b^2 + 2bs$).

- 1) Find the surface area of a square pyramid with a base area of 256 square inches and a height of 19 inches?

864 square inches

- 2) Find the surface area of a square pyramid with a base length of 7 meters, and a slant height of 11 meters.

- 3) What is the surface area with a base length of $\frac{1}{2}$ inch, and a slant height of $\frac{1}{4}$ inch.

- 4) Find the surface area with a base length of 5 centimeter, and a slant height of 8 centimeter.

- 5) The surface area of a square pyramid is 333 square meters and the side of the square is 9 meters. Find the slant height of the square pyramid.

- 6) What is the base area of the square pyramid whose lateral edge is 6 yards and the side length is 4 yards?

- 7) The surface area of a square pyramid is given by 552 square meters and the side of the square is 12 meters. Find the slant height of the square pyramid.

- 8) Find the base area of the square pyramid whose lateral edge is 5 inches and the side length is 4 inches?

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To find the surface area of a square pyramid ($A = b^2 + 2bs$).

- 1) Find the surface area of a square pyramid with a base area of 256 square inches and a height of 19 inches?

864 square inches

- 2) Find the surface area of a square pyramid with a base length of 7 meters, and a slant height of 11 meters.

203 square meters

- 3) What is the surface area with a base length of $\frac{1}{2}$ inch, and a slant height of $\frac{1}{4}$ inch.

$\frac{1}{2}$ square inches

- 4) Find the surface area with a base length of 5 centimeter, and a slant height of 8 centimeter.

105 square centimeters

- 5) The surface area of a square pyramid is 333 square meters and the side of the square is 9 meters. Find the slant height of the square pyramid.

14 meters

- 6) What is the base area of the square pyramid whose lateral edge is 6 yards and the side length is 4 yards?

16 square yards

- 7) The surface area of a square pyramid is given by 552 square meters and the side of the square is 12 meters. Find the slant height of the square pyramid.

17 meters

- 8) Find the base area of the square pyramid whose lateral edge is 5 inches and the side length is 4 inches?

16 square inches
