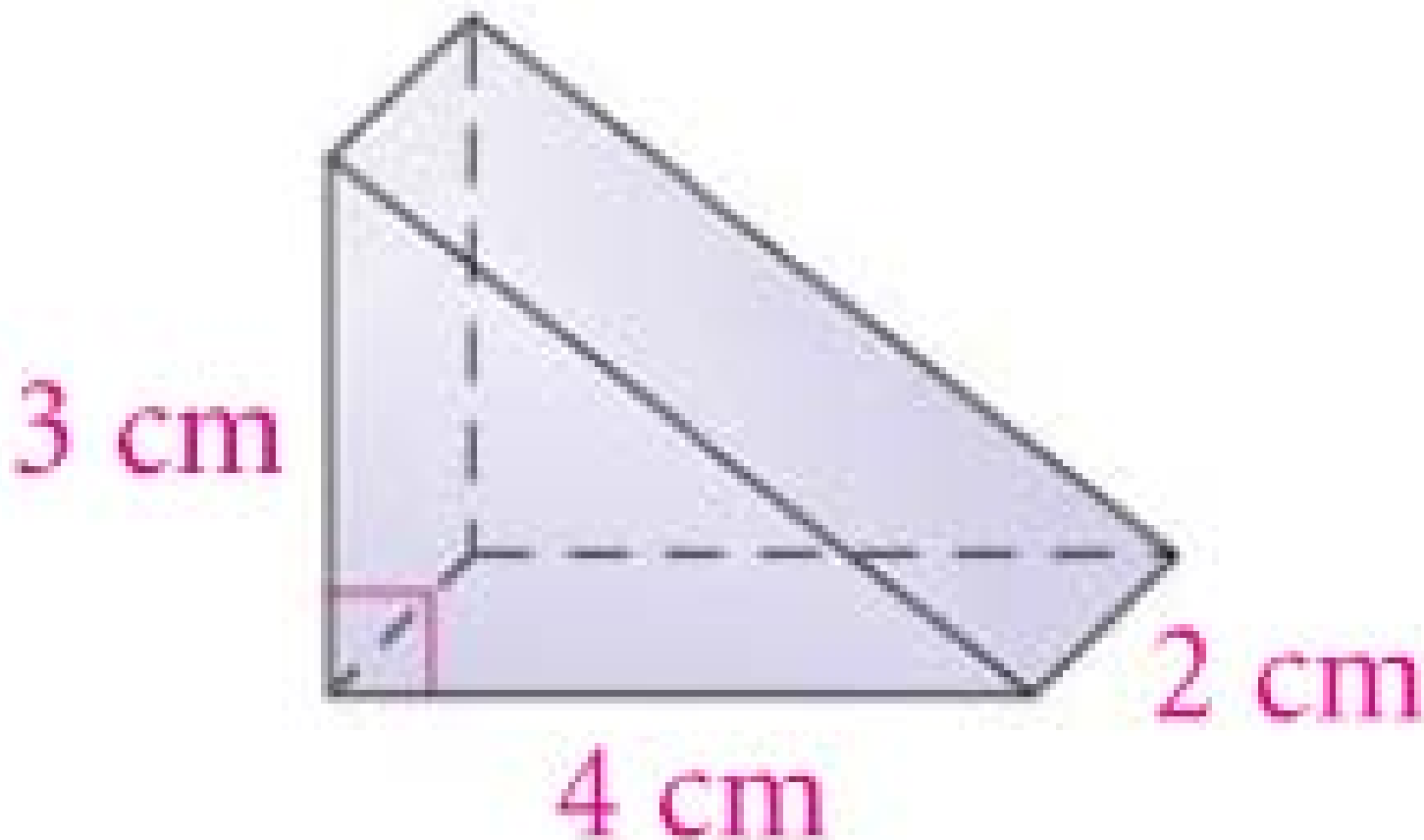
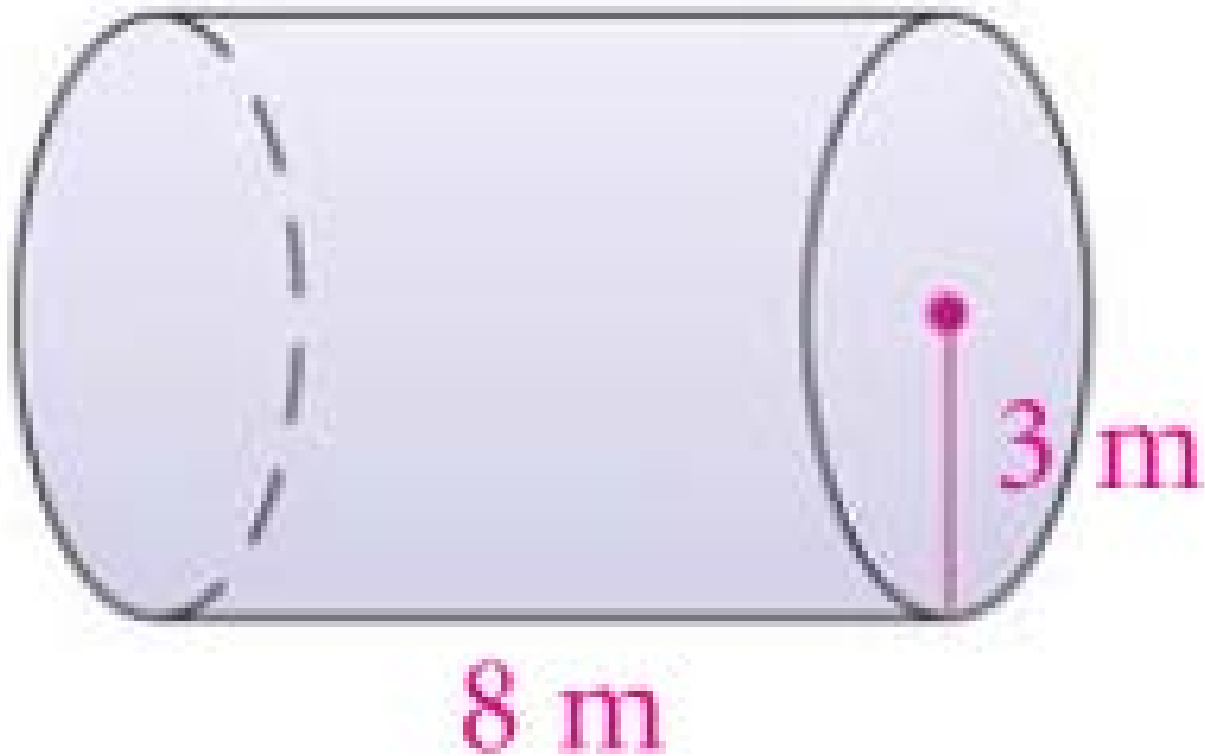


Find the surface area.

36 cm^2

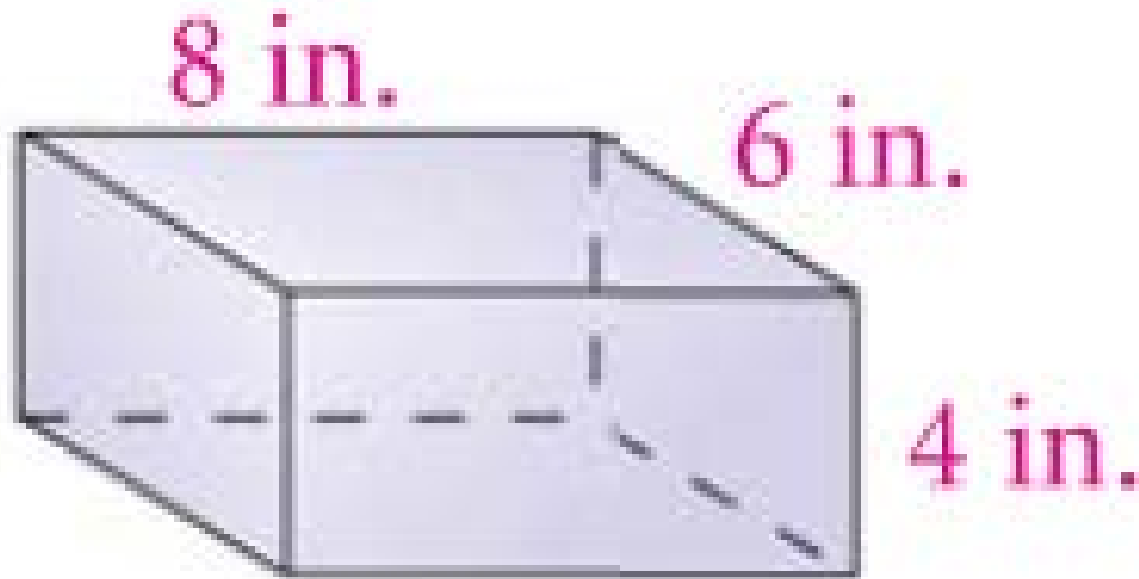


Find the **volume** in terms of π . $72\pi \text{ m}^3$



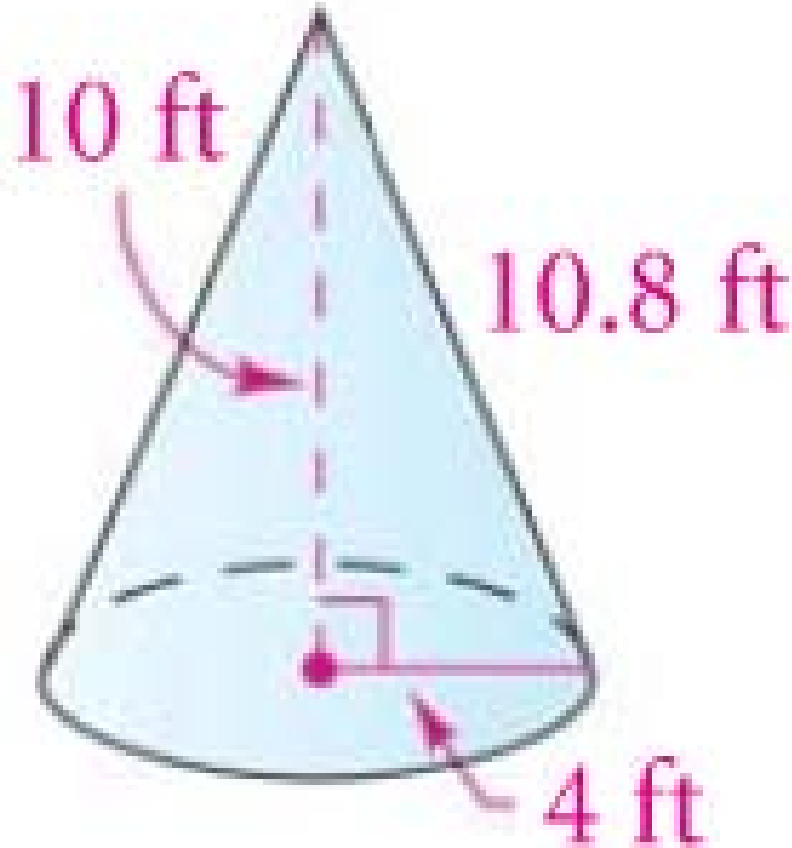
Find the **Surface Area**.

208 in^2



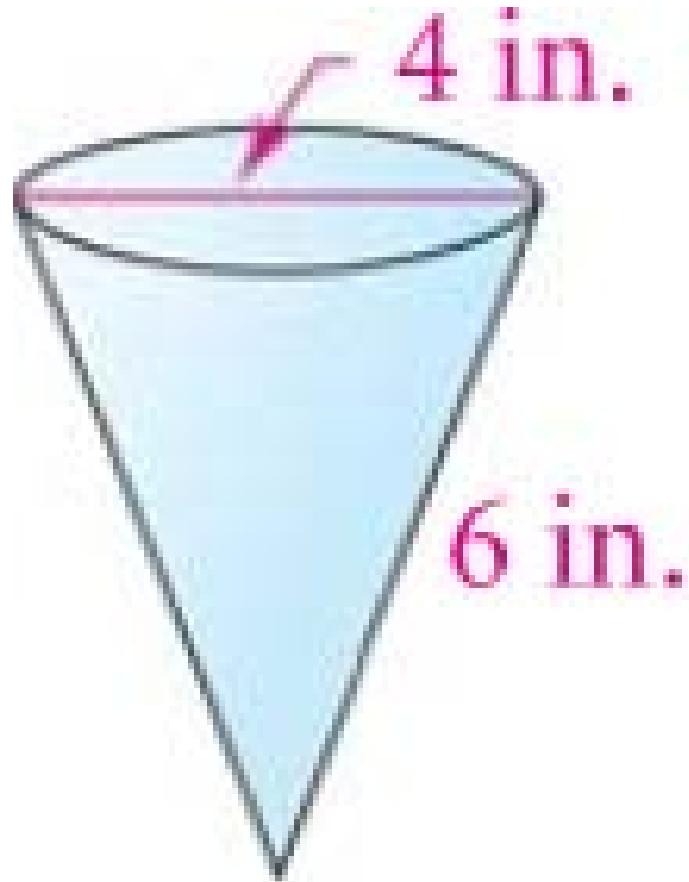
Find the **Surface Area** to the nearest tenth.

186.0 ft²



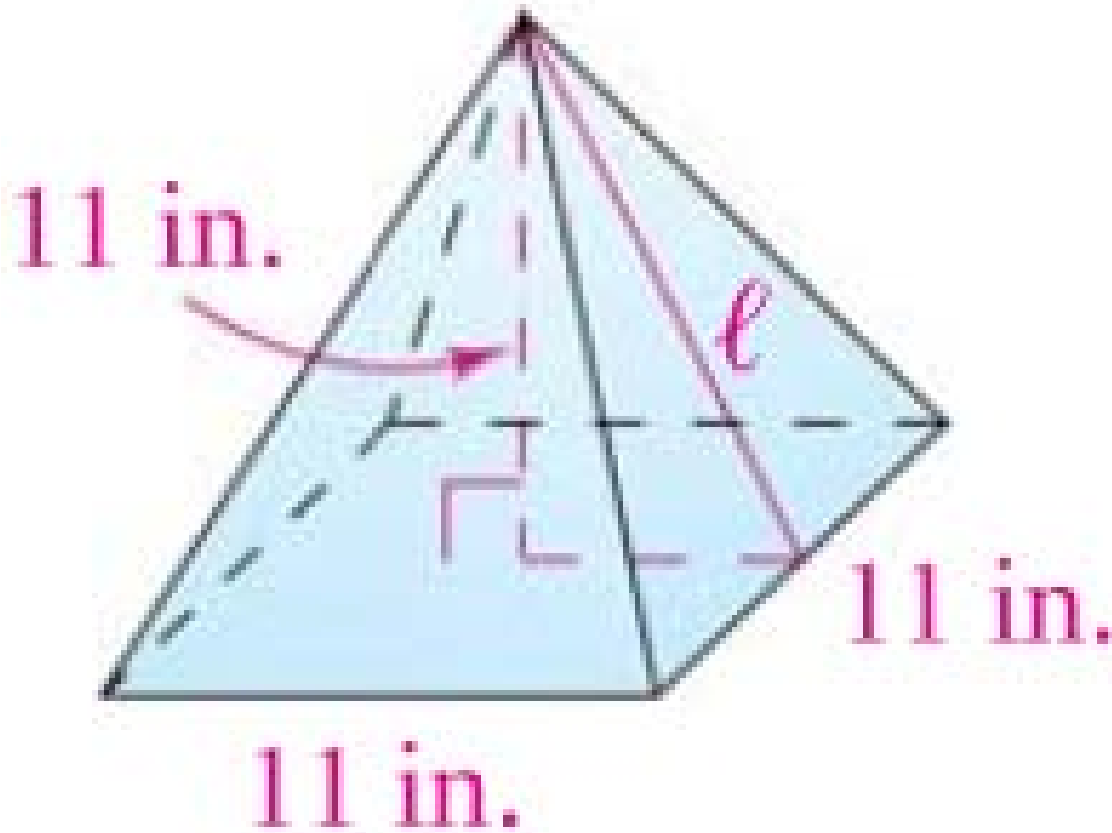
Find the **Volume** to the nearest tenth.

23.7 in^3



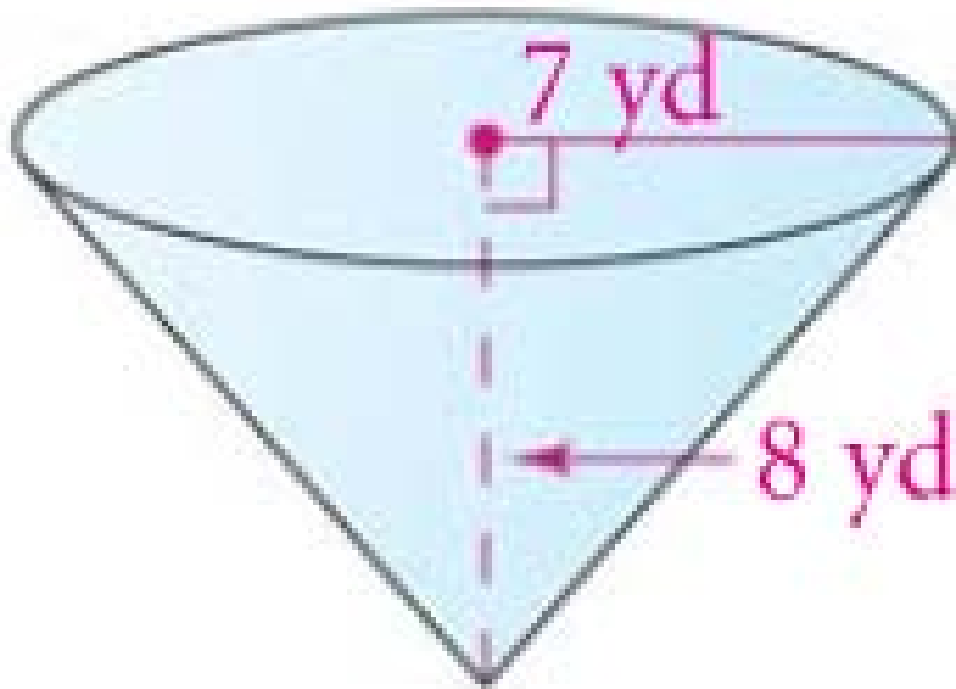
Find the **Lateral Area** to the nearest tenth.

270.6 ft²



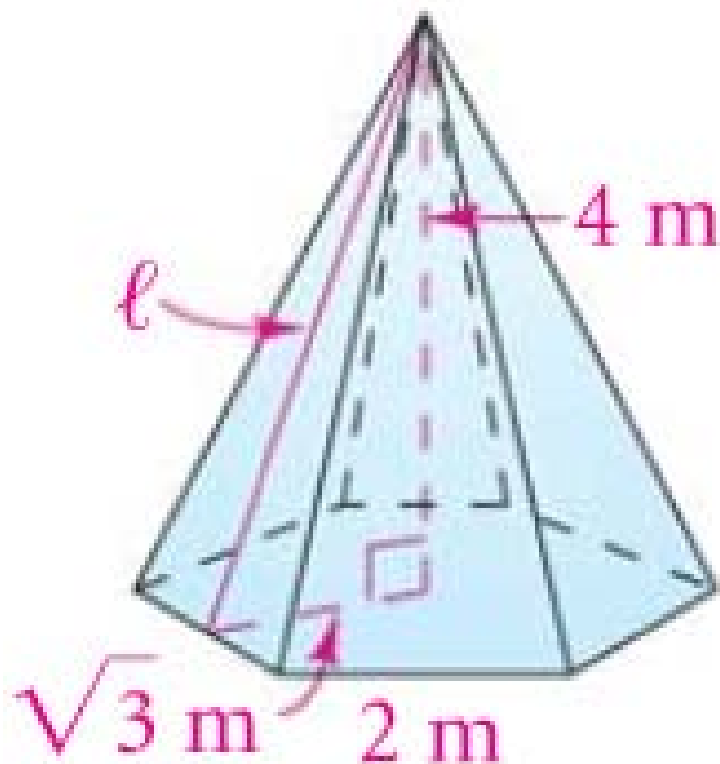
Find the **Lateral Area** to the nearest tenth.

233.8 yd²



Find the **Volume** of the hexagonal pyramid to the nearest tenth.

13.9 m³



Find the **Surface Area** in terms of π .

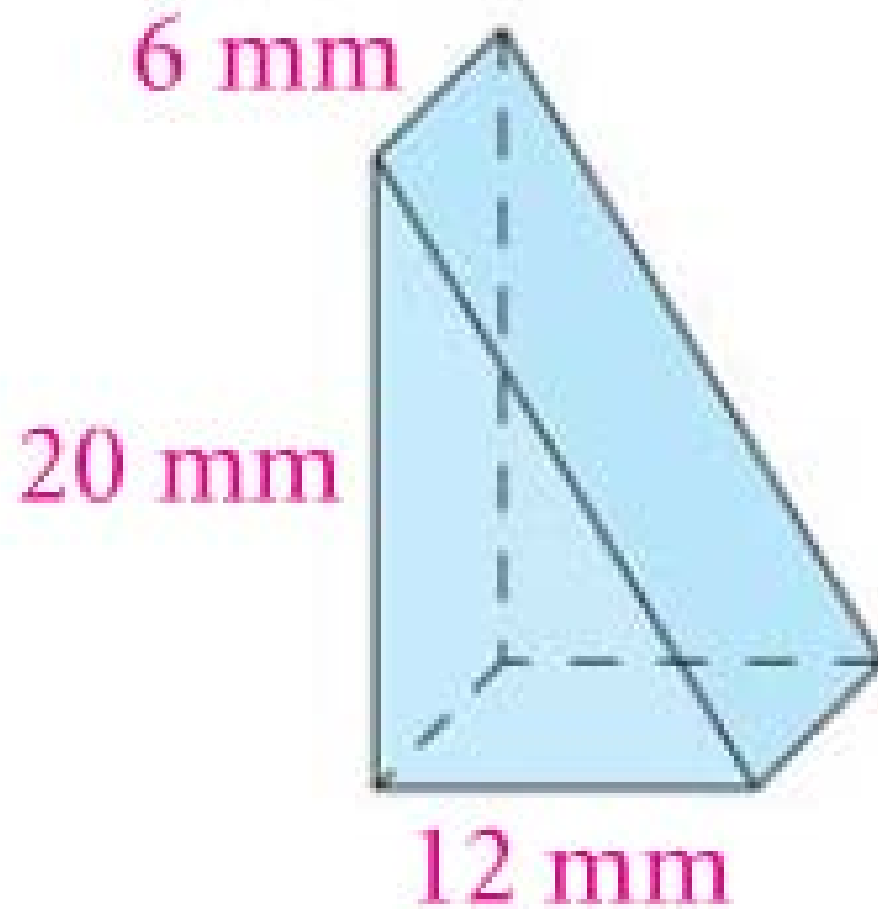
$$576\pi \text{ cm}^2$$



$$d = 24 \text{ cm}$$

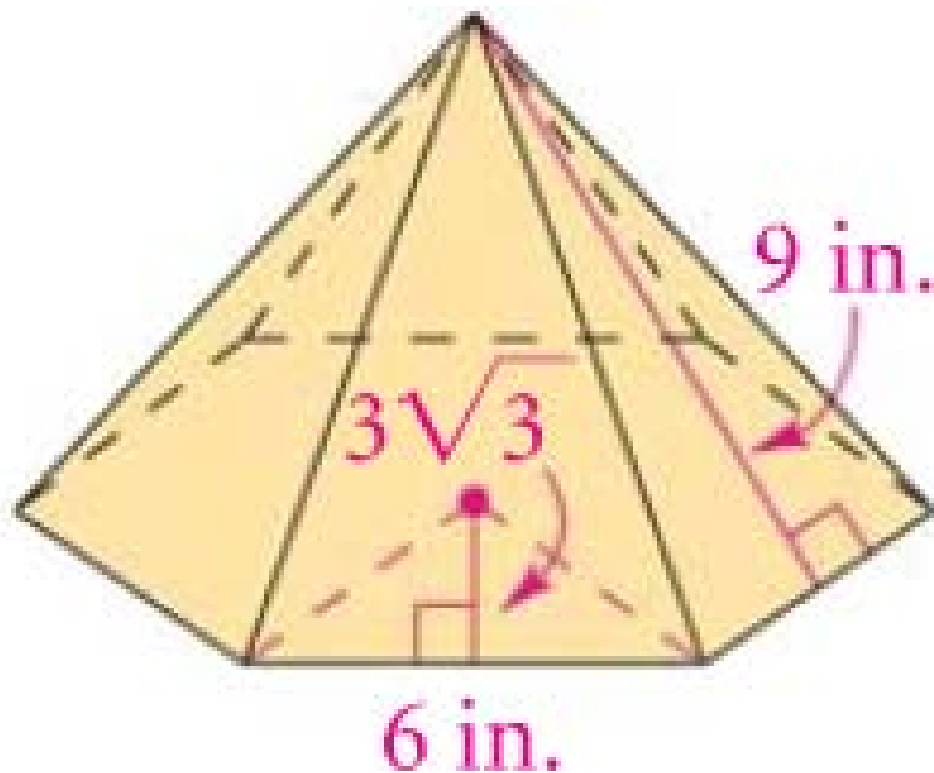
Find the **Volume**.

720 mm^3



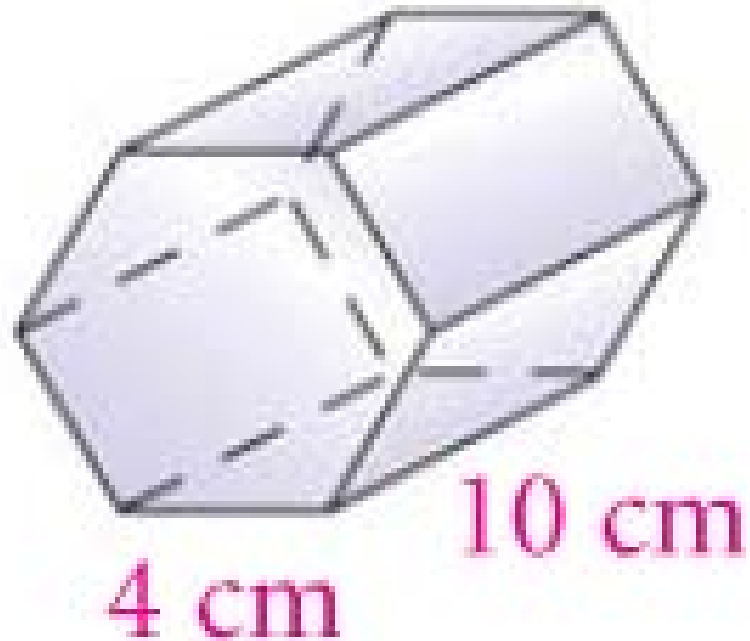
Find the **Surface Area** of the hexagonal pyramid to the *nearest whole number*.

256 in²



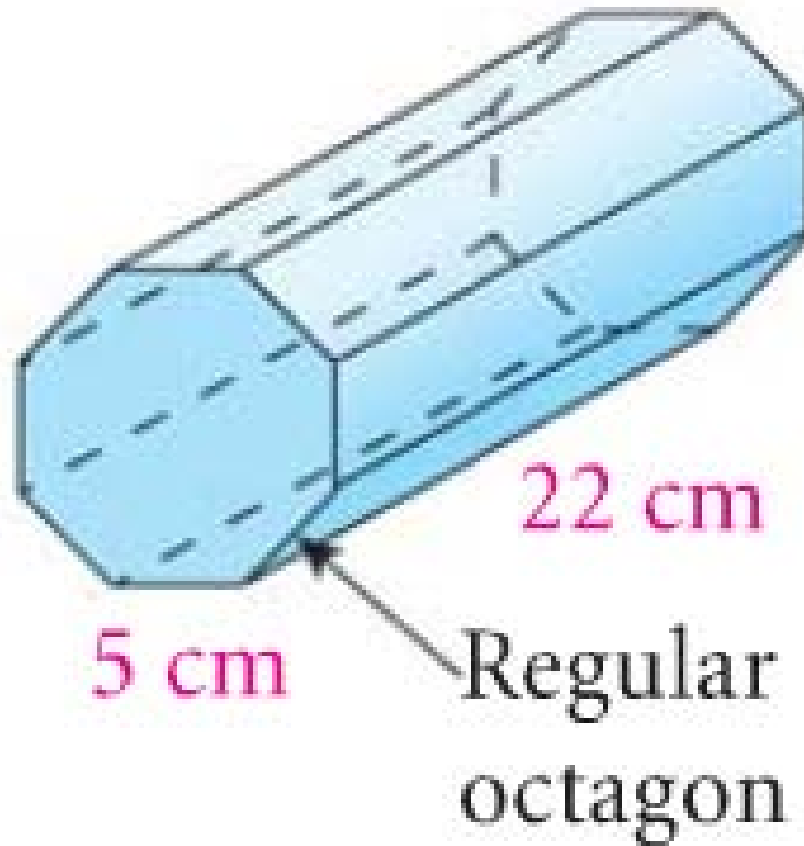
Find the **Lateral Area** of the hexagonal prism
with apothem $2\sqrt{3}$ cm.

240 cm^2



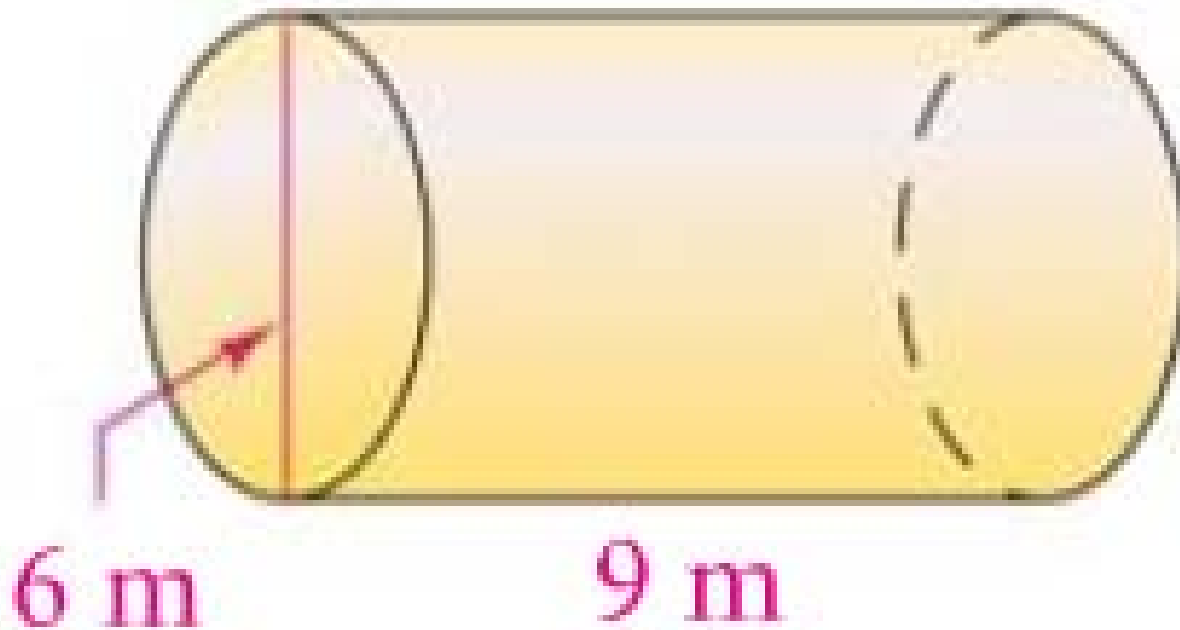
Find the **Volume** of the octagonal prism with apothem 6 cm.

2640 cm^3



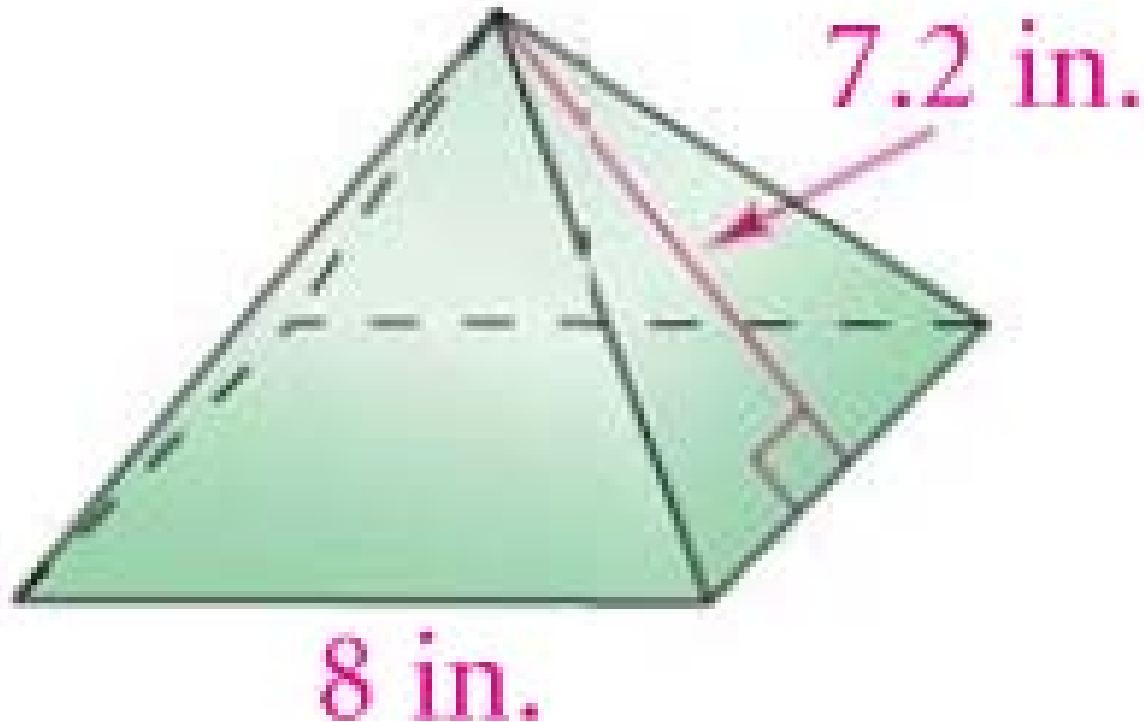
Find the **Lateral Area** in terms of π .

$$54\pi \text{ m}^2$$



Find the **Volume** of the square pyramid *to the nearest tenth*.

127.7 in³



20 cm

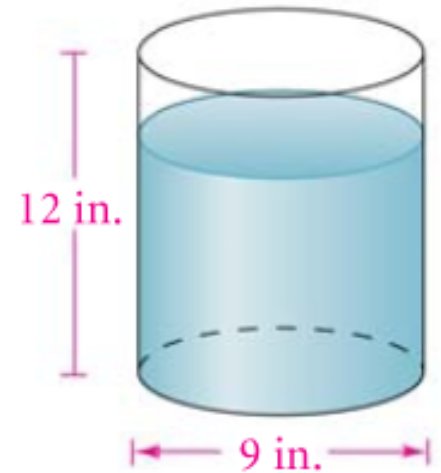
A triangular prism has base edges 4 cm, 5 cm, and 6 cm long. Its lateral area is 300 cm^2 . What is the height of the prism?

21.2 cm

A cone with radius 9 cm has the same surface area as a cylinder with radius 6 cm and height 18 cm. What is the height of the cone to the nearest tenth?

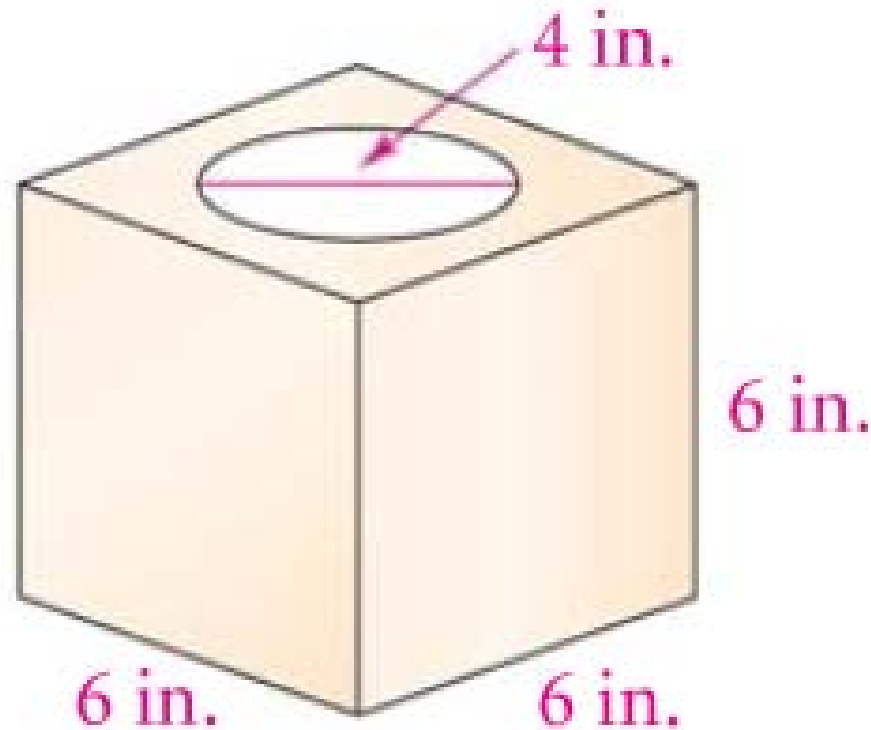
604.4 in³

Multiple Choice A cylindrical water tank has a diameter of 9 inches and a height of 12 inches. The water surface is 2.5 inches from the top. About how much water is in the tank?



A cylinder has been cut out of the cube. Find the **Volume** of the remaining solid. Round your answer to the *nearest tenth*.

140.6 in³

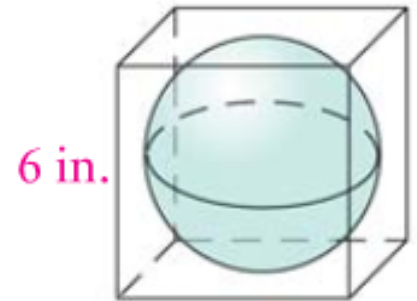


4 gallons

Painting The floor of a bedroom is 12 ft by 15 ft and the walls are 7 ft high. One gallon of paint covers about 150 ft^2 . How many gallons of paint do you need to paint the walls and ceiling of the bedroom?

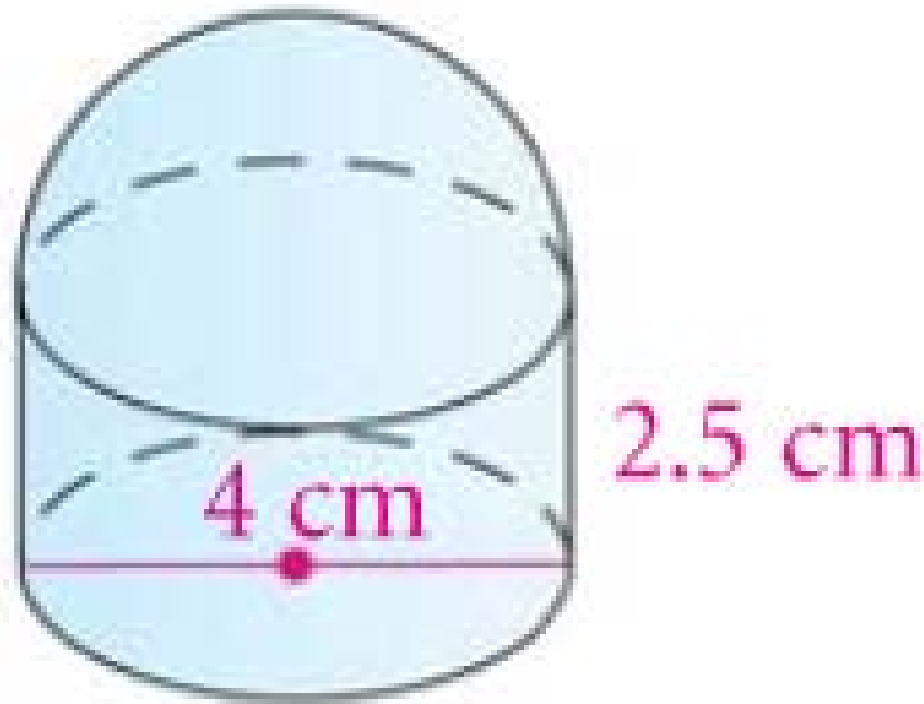
$$102.9 \text{ in}^3$$

Multiple Choice The sphere at the right fits snugly inside a cube with 6-in. edges. What is the approximate volume of the space between the sphere and cube?



Find the **Surface Area** in terms of π

$$22\pi \text{ cm}^2$$



6 in.

Multiple Choice A cone has a volume of 600π in.³ and a height of 50 in. What is the radius of the cone?

$$8.6 \text{ in}^3$$

Sports Equipment The circumference of a lacrosse ball is 8 in. Find its volume to the nearest tenth of a cubic inch.