

Student Name: _____

Score: _____

Surface Area of a cylindrical prism

Work Space

Find the surface area of a cylindrical prism with radius 5 cm and height 8 cm.

Answer:

Diameter and height of a cylinder is 5 feet and 12 feet respectively. Find the surface area of a cylinder.

Answer:

Radius = 3.2 yard; Height = 7 yard. Find the surface area of a cylinder.

Answer:

Find the surface area of a cylindrical prism with diameter 6 inches and height 7.5 inches.

Answer:

Find the surface area of a cylindrical tank with radius 4 ft and height 7.2 feet. Round the answer to the nearest hundredth place.

Answer:

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Answers:

Work Space

Find the surface area of a cylindrical prism with radius 5 cm and height 8 cm.

Answer: $130\pi \text{ cm}^2$

Diameter and height of a cylinder is 5 feet and 12 feet respectively. Find the surface area of a cylinder.

Answer: $72.5\pi \text{ ft}^2$

Radius = 3.2 yard; Height = 7 yard. Find the surface area of a cylinder.

Answer: 65.28 yd^2

Find the surface area of a cylindrical prism with diameter 6 inches and height 7.5 inches.

Answer: $63\pi \text{ in}^2$

Find the surface area of a cylindrical tank with radius 4 ft and height 7.2 feet. Round the answer to the nearest hundredth place.

Answer: 281.49 ft^2