Surface area of a Cylinder

Solve the problems.

1) The height and radius of a cylinder-shaped tin are 11 feet and 4 feet respectively. Find the surface area. Use (π= 3.14).

_____

2) A container is shaped like a cylinder contains oil. The diameter is 16 feet and the height is 19 feet. Then find the surface area? Use (π= 3.14).

_____

3) Calculate the surface area of a cylinder, if the height is 19 cm and the radius is 7 cm.

_____

4) Find the surface area of a cylinder having the radius of the base as 10 cm and the height of the cylinder is 17 cm?

_____

5) The height and diameter of a cylinder are 19 feet and 22 feet respectively. Find the surface area of water the cylinder can hold. Use (π= 3.14).

_____

6) Find the surface area of a cylinder whose height is 25 cm and diameter is 18 cm.

_____

7) Calculate the height of a cylinder whose surface area is 251.33 cm² and radius is 4 cm.

_____

8) Find the surface area of a cylinder having the radius as 7 m and the height of the cylinder is 15 m?

_____

9) Calculate the surface area of a cylinder having the radius of the base as 17 cm and the height of the cylinder is 21 cm?

_____

10) Find the radius of a cylinder having the surface area of 263.89 cm² and the height of the cylinder is 19 cm?

_____

Surface area of a Cylinder

Name:_____

Date:_____

Solve the problems.

1) The height and radius of a cylinder-shaped tin are 11 feet and 4 feet respectively. Find the surface area. Use (π= 3.14).

   376.99 ≈ 377 ft²

2) A container is shaped like a cylinder contains oil. The diameter is 16 feet and the height is 19 feet. Then find the surface area? Use (π= 3.14).

   1357.17 ≈ 1357 ft²

3) Calculate the surface area of a cylinder, if the height is 19 cm and the radius is 7 cm.

   1143.54 ≈ 1144 cm²

4) Find the surface area of a cylinder having the radius of the base as 10 cm and the height of the cylinder is 17 cm?

   1696.46 ≈ 1696 cm²

5) The height and diameter of a cylinder are 19 feet and 22 feet respectively. Find the surface area of water the cylinder can hold. Use (π= 3.14).

   2073.45 ≈ 2073 ft²

6) Find the surface area of a cylinder whose height is 25 cm and diameter is 18 cm.

   1922.65 ≈ 1923 cm²

7) Calculate the height of a cylinder whose surface area is 251.33 cm² and radius is 4 cm.

   6 cm

8) Find the surface area of a cylinder having the radius as 7 m and the height of the cylinder is 15 m?

   967.61 ≈ 968 m²

9) Calculate the surface area of a cylinder having the radius of the base as 17 cm and the height of the cylinder is 21 cm?

   4058.94 ≈ 4059 cm²

10) Find the radius of a cylinder having the surface area of 263.89 cm² and the height of the cylinder is 19 cm?

   2 cm