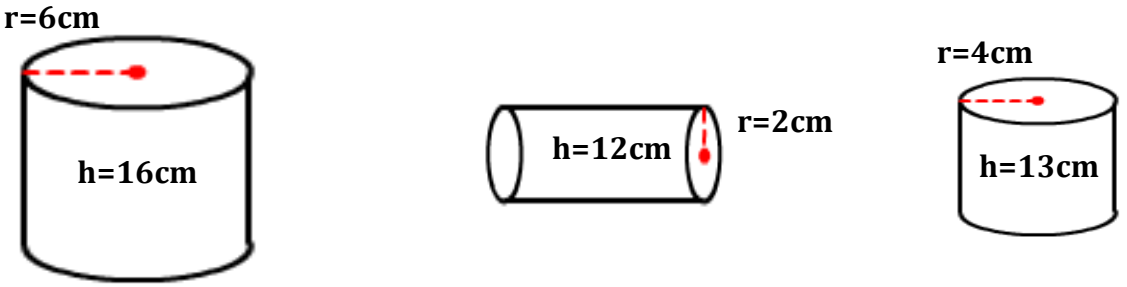
Surface area of a Cylinder

Name:_____ Date:_____

Picture below are three cylindrical tins of water. Answer the questions.



Tin 1 **Tin 2** **Tin 3**

1) The height and radius of a cylinder are 15 cm and 10 cm respectively. Find the surface area of tin.

_____

2) Which tin contains less water: Tin 1 or Tin 3?

_____

3) What is the height of tin 2?

_____

4) What is the radius of tin 1?

_____

5) Which tin contains more water: Tin 2 or Tin 1?

_____

6) What is the height of tin 3?

_____

7) Which has a greater height: Tin 2 or Tin 3?

_____

8) What is the surface area of tin 2?

_____

9) A Cylinder has a radius of 6 cm and a height of 16 cm. What is the surface area?

_____

10) Find the surface area of cylinder with radius of 4 cm and a height of 13 cm.

_____

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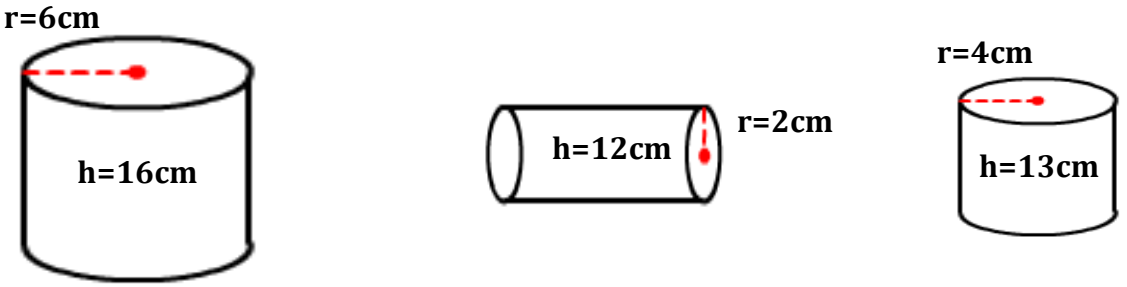

Tin 1 **Tin 2** **Tin 3**

1) The height and radius of a cylinder are 15 cm and 10 cm respectively. Find the surface area of tin.

1570.8 cm^2

2) Which tin contains less water: Tin 1 or Tin 3?

Tin 3

3) What is the height of tin 2?

12 cm

4) What is the radius of tin 1?

6 cm

5) Which tin contains more water: Tin 2 or Tin 1?

Tin 1

6) What is the height of tin 3?

13 cm

7) Which has a greater height: Tin 2 or Tin 3?

Tin 3

8) What is the surface area of tin 2?

175.93 cm^2

9) A Cylinder has a radius of 6 cm and a height of 16 cm. What is the surface area?

829.38 cm^2

10) Find the surface area of cylinder with radius of 4 cm and a height of 13 cm.

427.26 cm^2