Find the exact volume of each shape.

10) A spherical ball has a radius of 6 centimeter. Calculate the volume of the ball.

Volume =
Find the exact volume of each shape.

1) 
Volume = \(36\pi \text{ m}^3\)

2) 
Volume = \(13122\pi \text{ cm}^3\)

3) 
Volume = \(972\pi \text{ in}^3\)

4) 
Volume = \(1152\pi \text{ ft}^3\)

5) 
Volume = \(7776\pi \text{ m}^3\)

6) 
Volume = \(2250\pi \text{ in}^3\)

7) 
Volume = \(18432\pi \text{ cm}^3\)

8) 
Volume = \(6174\pi \text{ cm}^3\)

9) 
Volume = \(36000\pi \text{ ft}^3\)

10) A spherical ball has a radius of 6 centimeter. Calculate the volume of the ball.

Volume = \(288\pi \text{ cm}^3\)
Find the exact volume of each shape.

1) Volume =

2) Volume =

3) Volume =

4) Volume =

5) Volume =

6) Volume =

7) Volume =

8) Volume =

9) Volume =

10) Find the volume of air in a beach ball that has a diameter of 18 centimeter.

Volume =

Printable Math Worksheets @ www.mathworksheets4kids.com
Find the exact volume of each shape.

1) \( \text{Volume} = 9216\pi \text{ m}^3 \)

2) \( \text{Volume} = 26244\pi \text{ cm}^3 \)

3) \( \text{Volume} = 12348\pi \text{ ft}^3 \)

4) \( \text{Volume} = 3888\pi \text{ in}^3 \)

5) \( \text{Volume} = 288\pi \text{ m}^3 \)

6) \( \text{Volume} = 486\pi \text{ ft}^3 \)

7) \( \text{Volume} = 2304\pi \text{ m}^3 \)

8) \( \text{Volume} = 18\pi \text{ cm}^3 \)

9) \( \text{Volume} = 4500\pi \text{ in}^3 \)

10) Find the volume of air in a beach ball that has a diameter of 18 centimeter.

\( \text{Volume} = 972\pi \text{ cm}^3 \)
Find the exact volume of each shape.

1)  
2)  
3)  

4)  
5)  
6)  

7)  
8)  
9)  

10) A spherical tank has a radius of 60 centimeter. Find the maximum volume of water the tank can hold.

Volume = 

Find the exact volume of each shape.

10) A spherical tank has a radius of 60 centimeter. Find the maximum volume of water the tank can hold.

Volume = $288000\pi \text{ cm}^3$
Find the volume of each shape. Round the answer to two decimal places. (use π = 3.14)

1) Find the volume of a sphere with diameter 3.8 in.
   Volume = ____________

2) Find the volume of a sphere with radius 5.2 ft.
   Volume = ____________

3) Find the volume of a sphere with diameter 3.5 m.
   Volume = ____________

4) Find the volume of a hemisphere with radius 9.6 in.
   Volume = ____________

5) Find the volume of a hemisphere with radius 3.8 in.
   Volume = ____________

6) Find the volume of a hemisphere with radius 5.6 cm.
   Volume = ____________

7) Find the volume of a hemisphere with radius 17.6 ft.
   Volume = ____________

8) Find the volume of a sphere with radius 7.2 in.
   Volume = ____________

9) Find the volume of a hemisphere with radius 12.8 m.
   Volume = ____________

10) Find the volume of air occupied in a hemispherical dome with radius 25.3 feet.
    Volume = ________________
Find the volume of each shape. Round the answer to two decimal places. ( use $\pi = 3.14$ )

1) 
Volume = 114.87 in$^3$

2) 
Volume = 73.58 ft$^3$

3) 
Volume = 179.5 m$^3$

4) 
Volume = 463.01 in$^3$

5) 
Volume = 4287.95 ft$^3$

6) 
Volume = 367.62 cm$^3$

7) 
Volume = 1426.55 ft$^3$

8) 
Volume = 1562.67 m$^3$

9) 
Volume = 548.75 m$^3$

10) Find the volume of air occupied in a hemispherical dome with radius 25.3 feet.

Volume = 33900.02 ft$^3$
Find the volume of each shape. Round the answer to two decimal places. (use \( \pi = 3.14 \))

1) 
2) 
3) 
4) 
5) 
6) 
7) 
8) 
9) 

10) A capsule in the shape of a sphere has a diameter of 3.7 millimeter. Find the volume of the capsule?

Volume = ________________
Find the volume of each shape. Round the answer to two decimal places. (use \( \pi = 3.14 \))

1) \[ \text{Volume} = 91.91 \text{ m}^3 \]
2) \[ \text{Volume} = 32.71 \text{ ft}^3 \]
3) \[ \text{Volume} = 950.29 \text{ m}^3 \]

4) \[ \text{Volume} = 12763.58 \text{ ft}^3 \]
5) \[ \text{Volume} = 659.25 \text{ in}^3 \]
6) \[ \text{Volume} = 955.68 \text{ cm}^3 \]

7) \[ \text{Volume} = 114.87 \text{ cm}^3 \]
8) \[ \text{Volume} = 434.67 \text{ in}^3 \]
9) \[ \text{Volume} = 203.76 \text{ in}^3 \]

10) A capsule in the shape of a sphere has a diameter of 3.7 millimeter. Find the volume of the capsule?

\[ \text{Volume} = 26.51 \text{ mm}^3 \]
Find the volume of each shape. Round the answer to two decimal places. ( use \( \pi = 3.14 \) )

1) \text{Volume} = 

2) \text{Volume} = 

3) \text{Volume} = 

4) \text{Volume} = 

5) \text{Volume} = 

6) \text{Volume} = 

7) \text{Volume} = 

8) \text{Volume} = 

9) \text{Volume} = 

10) Find the volume of chocolate required to make a spherical chocolate ball with a diameter 14.6 centimeter.

\text{Volume} =
Find the volume of each shape. Round the answer to two decimal places. ( use $\pi = 3.14$ )

1) Volume = $41.2 \text{ ft}^3$

2) Volume = $1149.76 \text{ m}^3$

3) Volume = $4574.88 \text{ ft}^3$

4) Volume = $775.34 \text{ m}^3$

5) Volume = $658.21 \text{ cm}^3$

6) Volume = $1203.65 \text{ m}^3$

7) Volume = $1577.48 \text{ in}^3$

8) Volume = $420.95 \text{ in}^3$

9) Volume = $5036.78 \text{ ft}^3$

10) Find the volume of chocolate required to make a spherical chocolate ball with a diameter 14.6 centimeter.

Volume = $1628.69 \text{ cm}^3$