Name : _____   Score : _____

Volume - Sphere & Hemisphere

Find the exact volume of each shape.

1)

.3 m

Volume = _____

2)

.27 cm

Volume = _____

3)

18 in

Volume = _____

4)

24 ft

Volume = _____

5)

18 m

Volume = _____

6)

15 in

Volume = _____

7)

24 cm

Volume = _____

8)

42 cm

Volume = _____

9)

60 ft
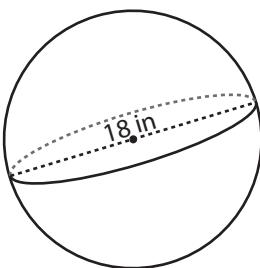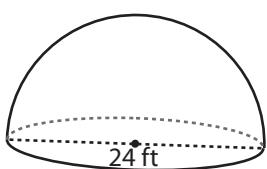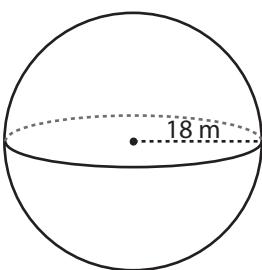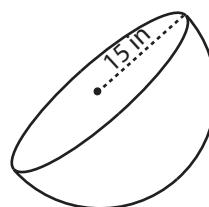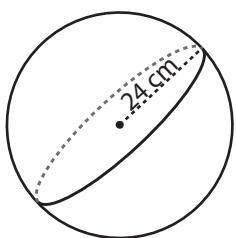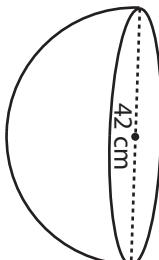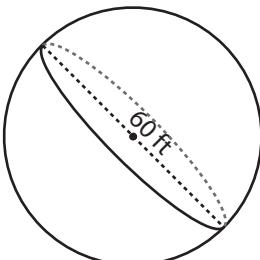
Volume = _____

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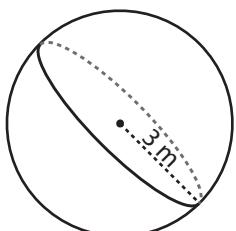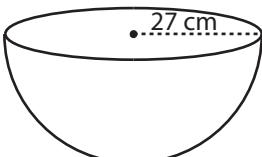
Volume = _____

Answer Key

Find the exact volume of each shape.
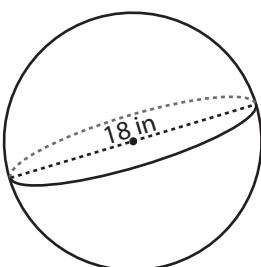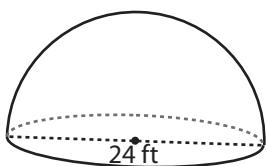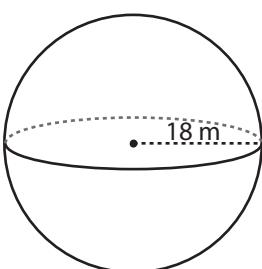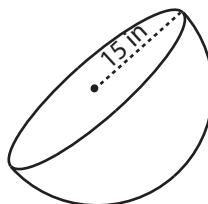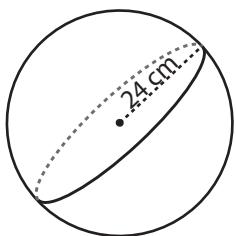
1)

Volume = **36π m³**

2)

27 cm

Volume = **13122π cm³**

3)

18 in

Volume = **972π in³**

4)

24 ft

Volume = **1152π ft³**

5)

18 m

Volume = **7776π m³**

6)

15 in

Volume = **2250π in³**

7)

24 cm

Volume = **18432π cm³**

8)

42 cm

Volume = **6174π cm³**

9)

60 ft
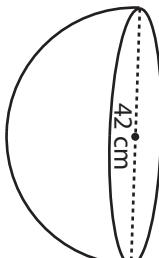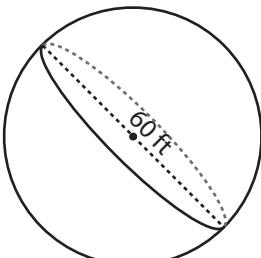
Volume = **36000π ft³**

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

Volume = **288π cm³**