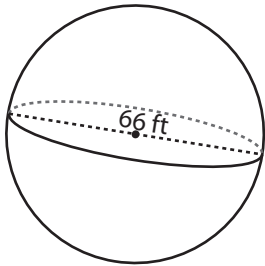Name : _____

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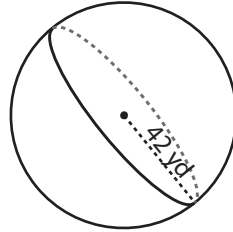## Volume - Sphere & Hemisphere

ES3

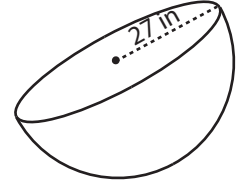Find the exact volume of each shape.
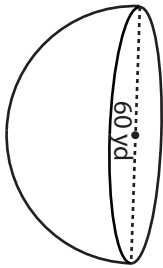
1)

66 ft

Volume = _____

2)

42 yd

Volume = _____

3)

27 in

Volume = _____

4)

60 yd

Volume = _____

78 ft

Volume = _____

7)

45 in

Volume = _____

Volume = _____

48 yd

Volume = _____

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

Volume = _____

Volume - Sphere & Hemisphere

Find the exact volume of each shape.

1)

66 ft

Volume = **47916π ft³**

2)

42 yd

Volume = **98784π yd³**

3)

27 in
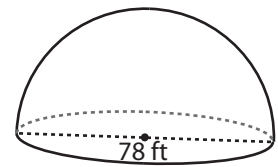
Volume = **13122π in³**

4)

60 yd

Volume = **18000π**

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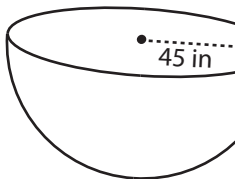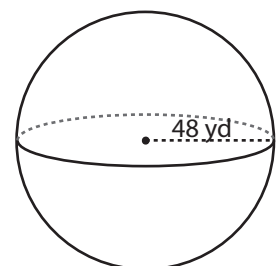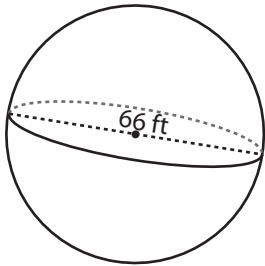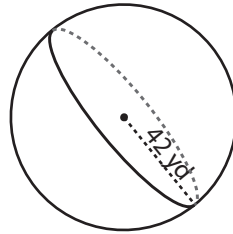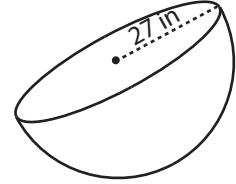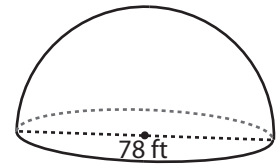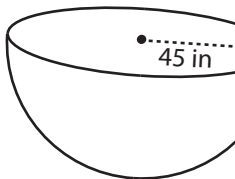
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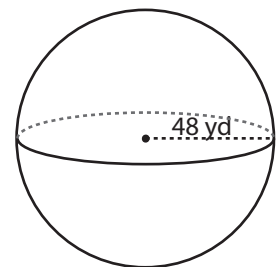
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78 ft

Volume = **39546π ft³**

7)

45 in

Volume = **60750π in³**

48 yd

Volume = **23958π ft³**

Volume = **147456π yd³**

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

Volume = **288000π in³**