name _____
date _____
period ____

Find the surface area of a sphere with the given radius or diameter. Express your answers in both decimal form and in terms of π.

1) radius is 12 cm

2) diameter is 16 m

3) diameter is 1 ft

4) radius is 9 in

5) radius is 6 mm

Find the volume of a sphere with the given radius or diameter. Express your answers in both decimal form and in terms of π.

1) radius is 1 m

2) diameter is 18 ft

3) diameter is 16 cm

4) radius is 12 in

5) radius is 8 mm