Name: _____

Volume of Spheres

Find each volume. Use 3.14 for π and round to the nearest tenth.

1. A sphere has a radius 12 ft. Find its volume. Use 3.14 for π.

   Answer: _____

2. A sphere has a radius 12 cm. Find its volume. Use 3.14 for π.

   Answer: _____

3. A sphere has a radius 10 cm. Find its volume. Use 3.14 for π.

   Answer: _____

4. A sphere has a radius 6 m. Find its volume. Use 3.14 for π.

   Answer: _____

5. A sphere has a radius 11 cm. Find its volume. Use 3.14 for π.

   Answer: _____

6. A sphere has a diameter 12 m. Find its volume. Use 3.14 for π.

   Answer: _____

7. A sphere has a radius 4 ft. Find its volume. Use 3.14 for π.

   Answer: _____

8. A sphere has a radius 9 m. Find its volume. Use 3.14 for π.

   Answer: _____

9. A sphere has a diameter 24 ft. Find its volume. Use 3.14 for π.

   Answer: _____

10. A sphere has a radius 2 ft. Find its volume. Use 3.14 for π.

    Answer: _____

11. A sphere has a diameter 4 ft. Find its volume. Use 3.14 for π.

    Answer: _____

12. A sphere has a diameter 18 in. Find its volume. Use 3.14 for π.

    Answer: _____

Name: **ANSWER KEY**

Volume of Spheres

Find each volume. Use 3.14 for π and round to the nearest tenth.

1. A sphere has a radius 12 ft. Find its volume. Use 3.14 for π.

   Answer: 7234.6 cubic ft

2. A sphere has a radius 12 cm. Find its volume. Use 3.14 for π.

   Answer: 7234.6 cubic cm

3. A sphere has a radius 10 cm. Find its volume. Use 3.14 for π.

   Answer: 4186.7 cubic cm

4. A sphere has a radius 6 m. Find its volume. Use 3.14 for π.

   Answer: 904.3 cubic m

5. A sphere has a radius 11 cm. Find its volume. Use 3.14 for π.

   Answer: 5572.5 cubic cm

6. A sphere has a diameter 12 m. Find its volume. Use 3.14 for π.

   Answer: 904.3 cubic m

7. A sphere has a radius 4 ft. Find its volume. Use 3.14 for π.

   Answer: 267.9 cubic ft

8. A sphere has a radius 9 m. Find its volume. Use 3.14 for π.

   Answer: 3052.1 cubic m

9. A sphere has a diameter 24 ft. Find its volume. Use 3.14 for π.

   Answer: 7234.6 cubic ft

10. A sphere has a radius 2 ft. Find its volume. Use 3.14 for π.

    Answer: 33.5 cubic ft

11. A sphere has a diameter 4 ft. Find its volume. Use 3.14 for π.

    Answer: 33.5 cubic ft

12. A sphere has a diameter 18 in. Find its volume. Use 3.14 for π.

    Answer: 3052.1 cubic in