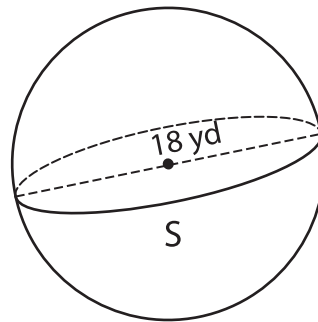
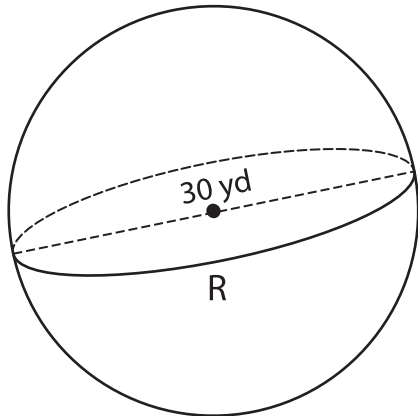


Name : \_\_\_\_\_

## Ratio of Surface Areas and Volumes

Sheet 3



1) What is the scale factor?

\_\_\_\_\_

2) Determine the ratio of surface areas.

\_\_\_\_\_

3) What is the ratio of volumes?

\_\_\_\_\_

4) Find the volume of sphere R.

\_\_\_\_\_

5) What is the ratio of surface areas?

\_\_\_\_\_

6) Express the relationship between scale factor and the ratio of surface areas.

\_\_\_\_\_

7) What is the relation between scale factor and the ratio of volumes?

\_\_\_\_\_

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