

Name : _____

Score : _____

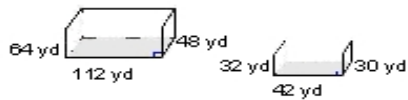
Teacher : _____

Date : _____

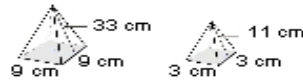
Similar Solids

Determine whether the figures are similar. If they are, find the scale factor.

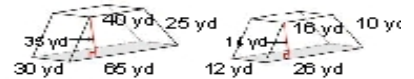
1)



2)



3)



Each pair is similar. Use the given information to find the scale factor of the left vs right figure.

4)



Vol: 832 ft³



Vol: 1625 ft³

5)



Vol: 20 in³



Vol: 2500 in³

6)



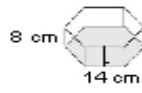
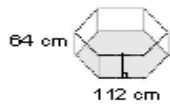
Vol: 18 in³



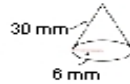
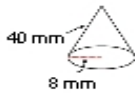
Vol: 1152 in³

Each pair is similar. Find the scale factor between the figures, the surface areas, and the volumes.

7)



8)



9)

