

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

Score : \_\_\_\_\_

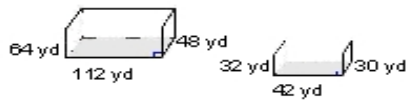
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

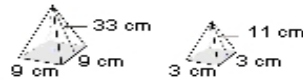
### Similar Solids

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

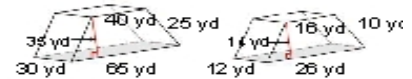
1)



2)



3)



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

4)



Vol: 832 ft<sup>3</sup>



Vol: 1625 ft<sup>3</sup>

5)



Vol: 20 in<sup>3</sup>



Vol: 2500 in<sup>3</sup>

6)



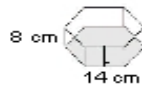
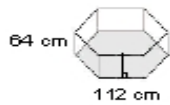
Vol: 18 in<sup>3</sup>



Vol: 1152 in<sup>3</sup>

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

7)



8)



9)

