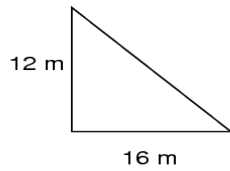


## Finding Area and Volume Using Scale Factor

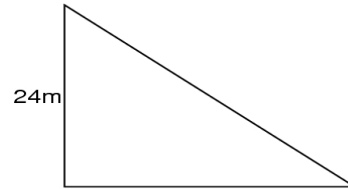
Given the 2 shapes, what is the scale factor and the area of both?

1.



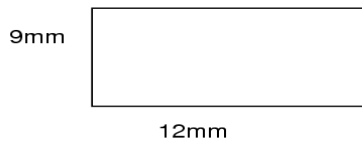
Area: \_\_\_\_\_

Scale Factor \_\_\_\_\_



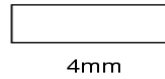
Area: \_\_\_\_\_

2.



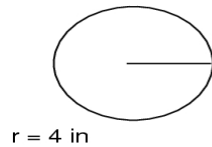
Area: \_\_\_\_\_

Scale Factor \_\_\_\_\_



Area: \_\_\_\_\_

3.

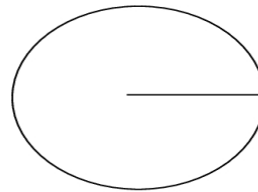


$r = 4$  in

Use 3.14 as  $\pi$

Area: \_\_\_\_\_

Scale Factor \_\_\_\_\_



$r = 12$  in

Area: \_\_\_\_\_