

# Similar Shapes

Area & Volume Factor

1

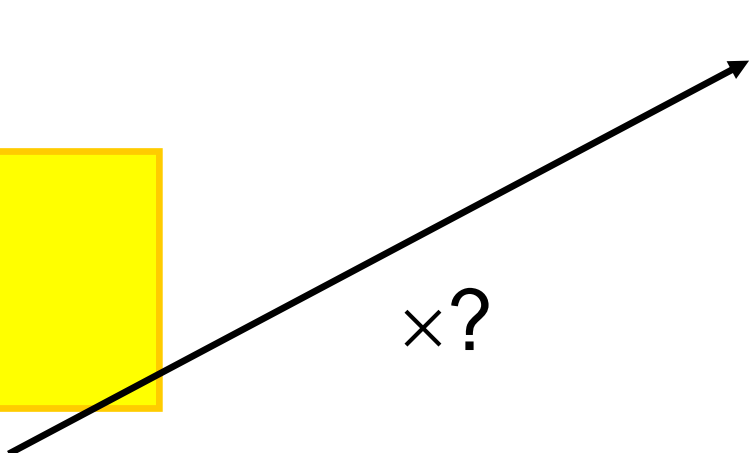
3

4

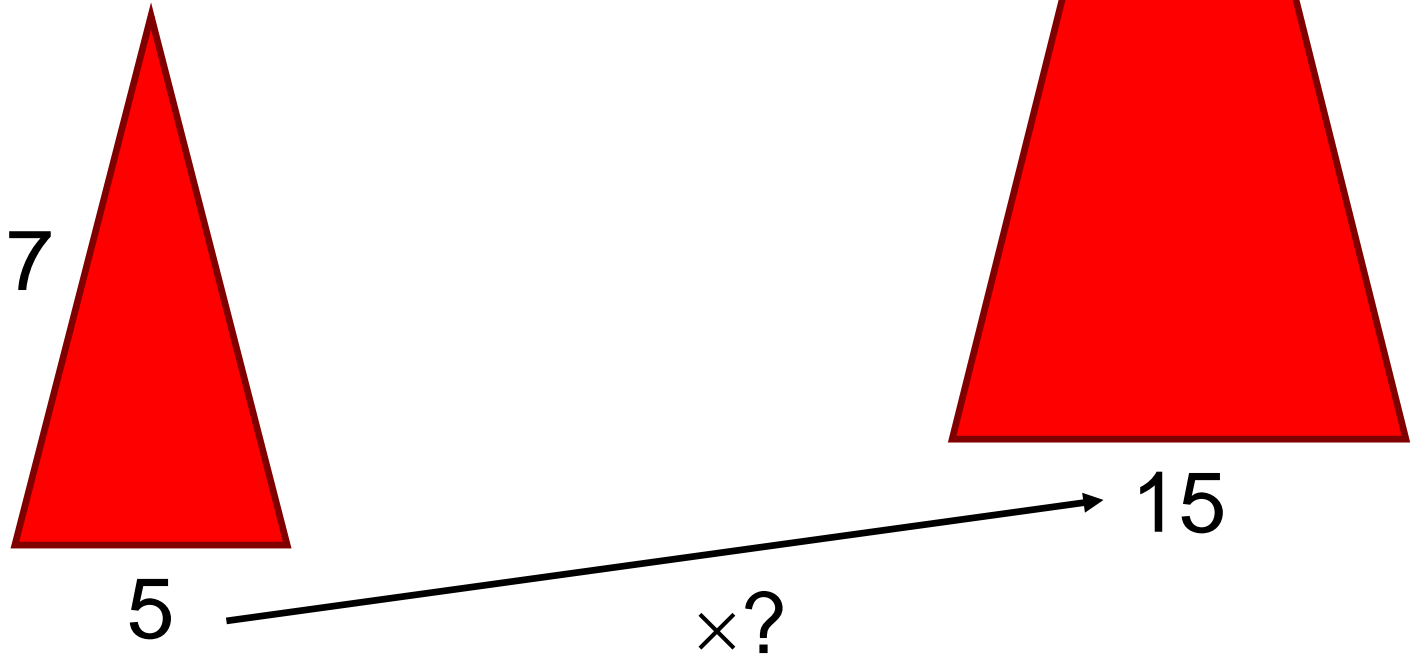
6

$\times ?$

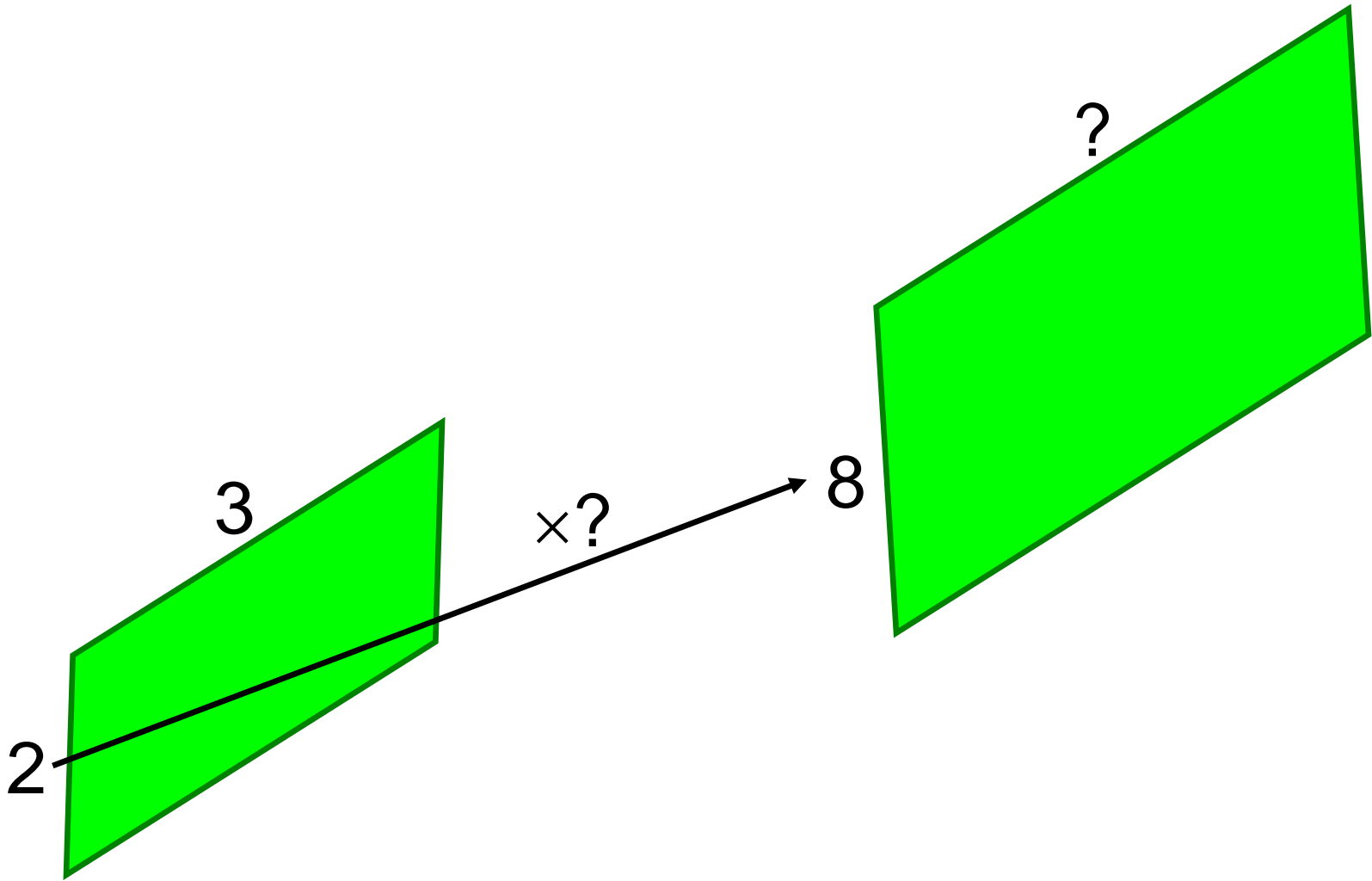
?



2

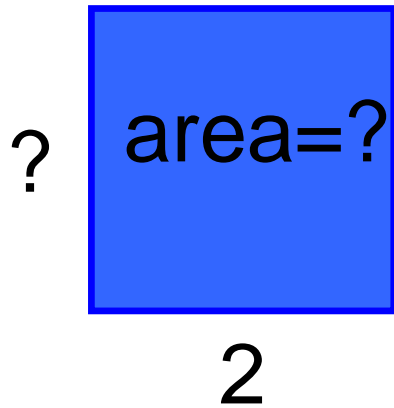


**3**



4

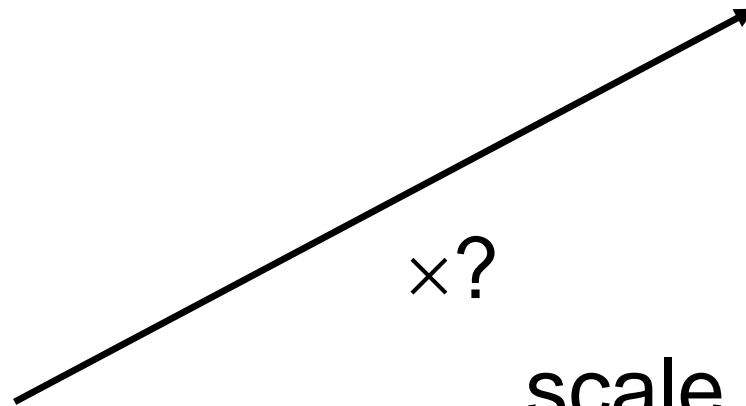
square



?



4

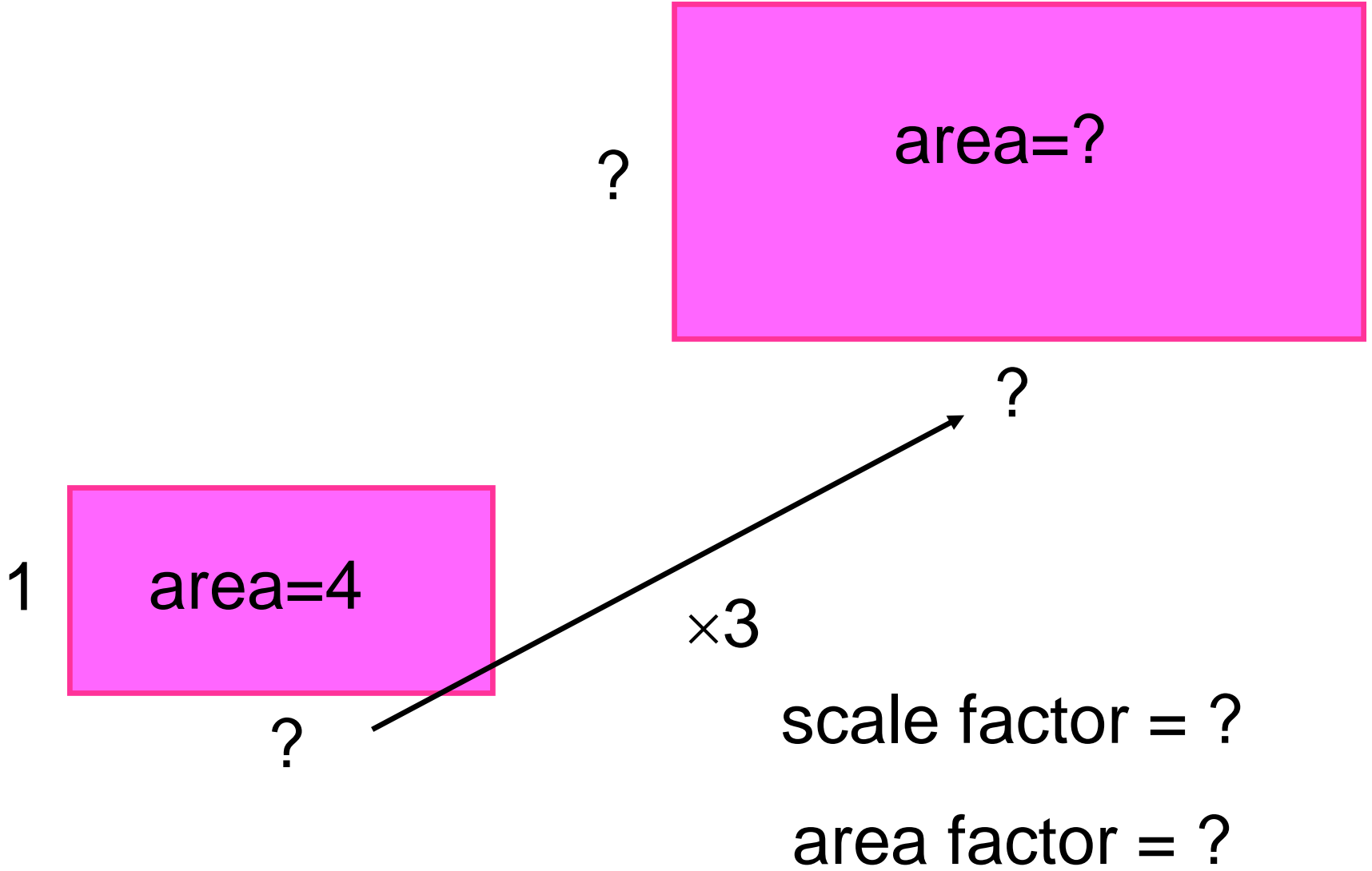


$\times ?$

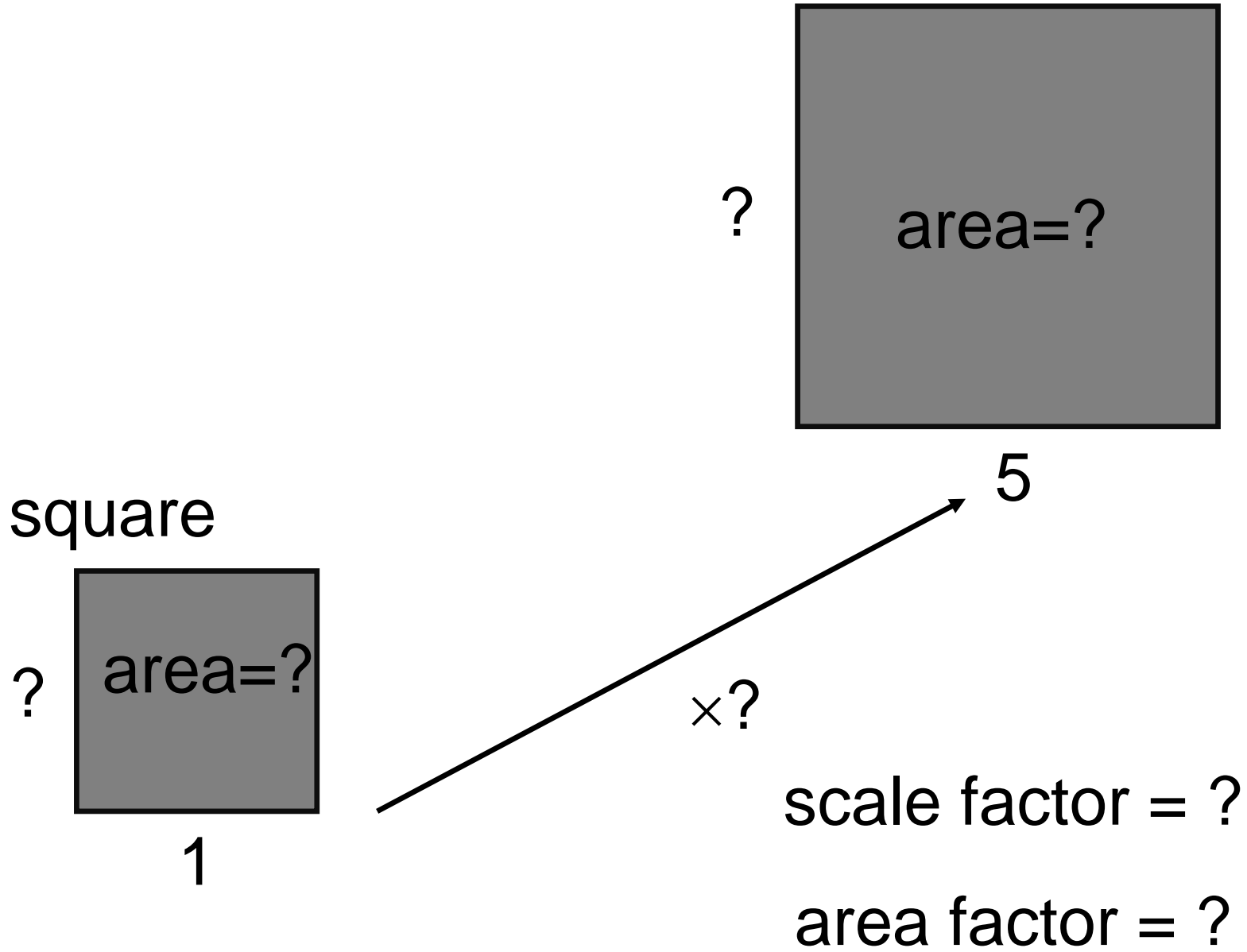
scale factor = ?

area factor = ?

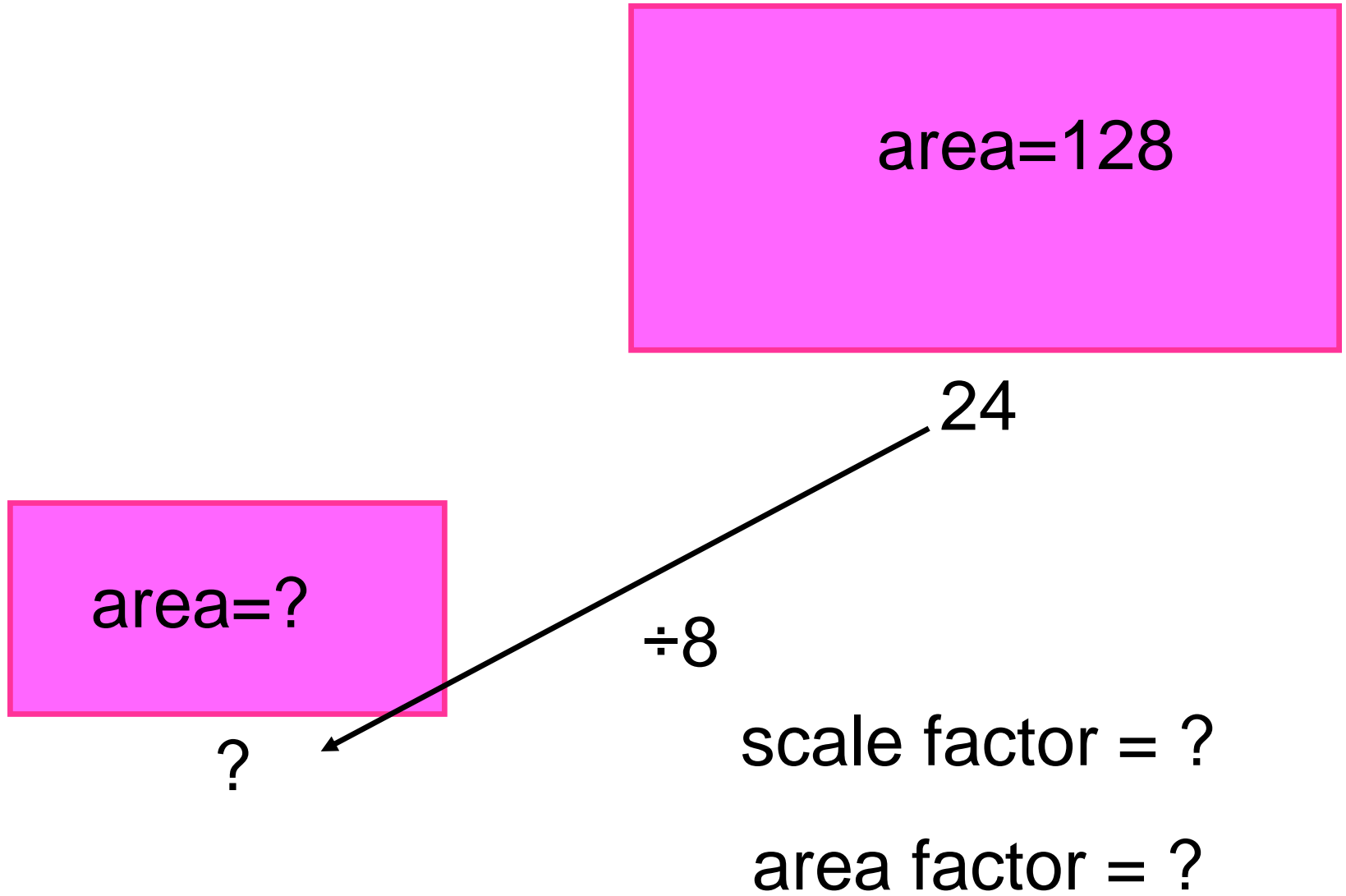
5



6



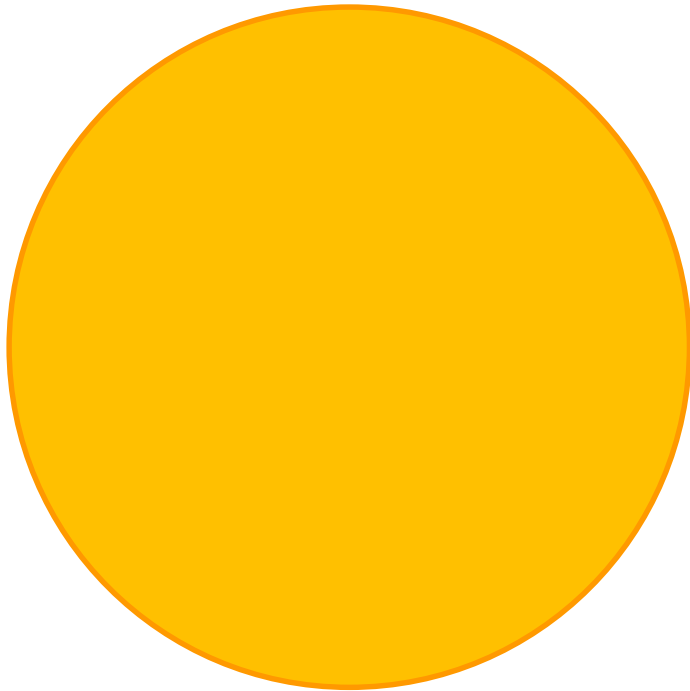
7





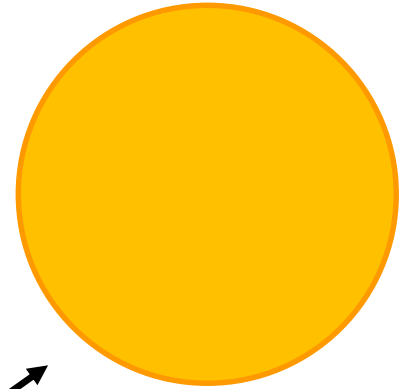
8

radius=12

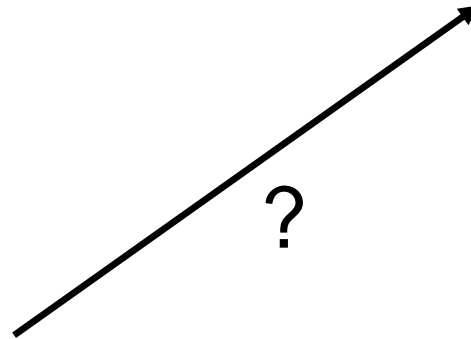


area=?

radius=6



area=?

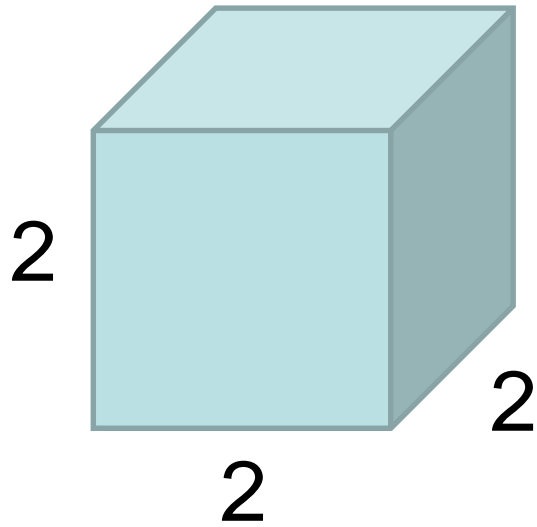
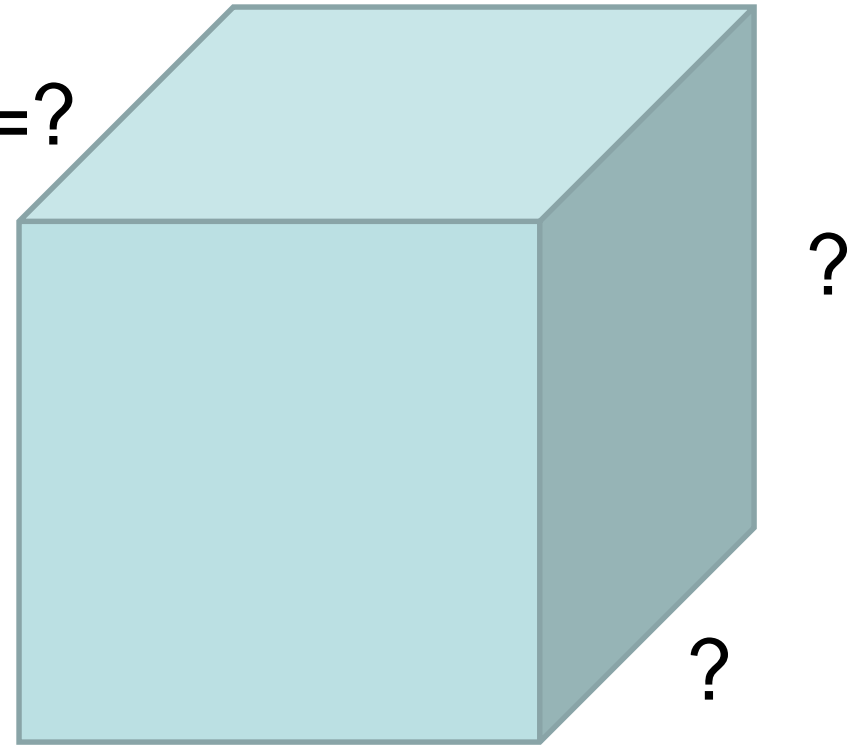


scale factor = ?

area factor = ?

9

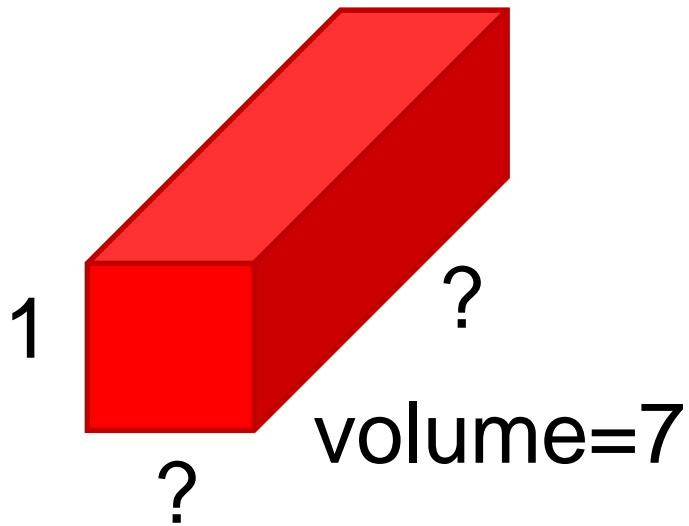
volume=?



scale factor = ?  
area factor = ?  
volume factor = ?

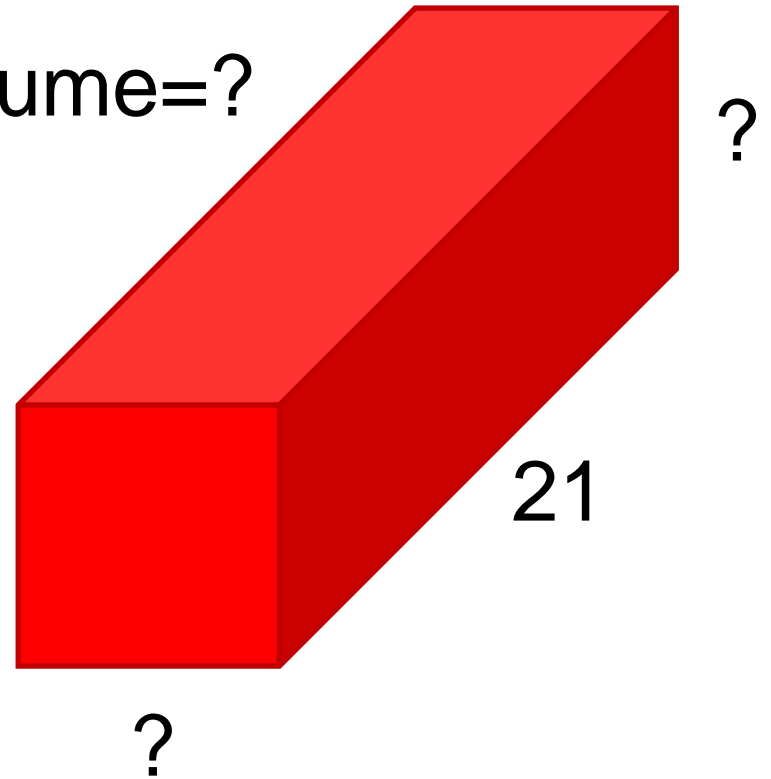
# 10

square based  
prism



$\times ?$

volume=?



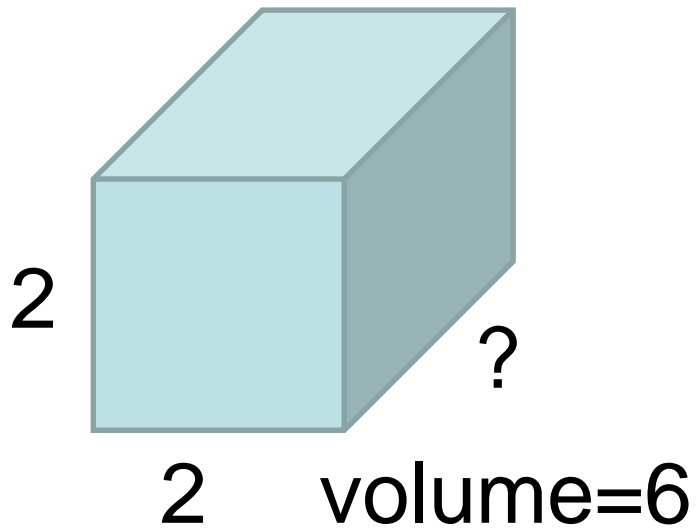
scale factor = ?

area factor = ?

volume factor = ?

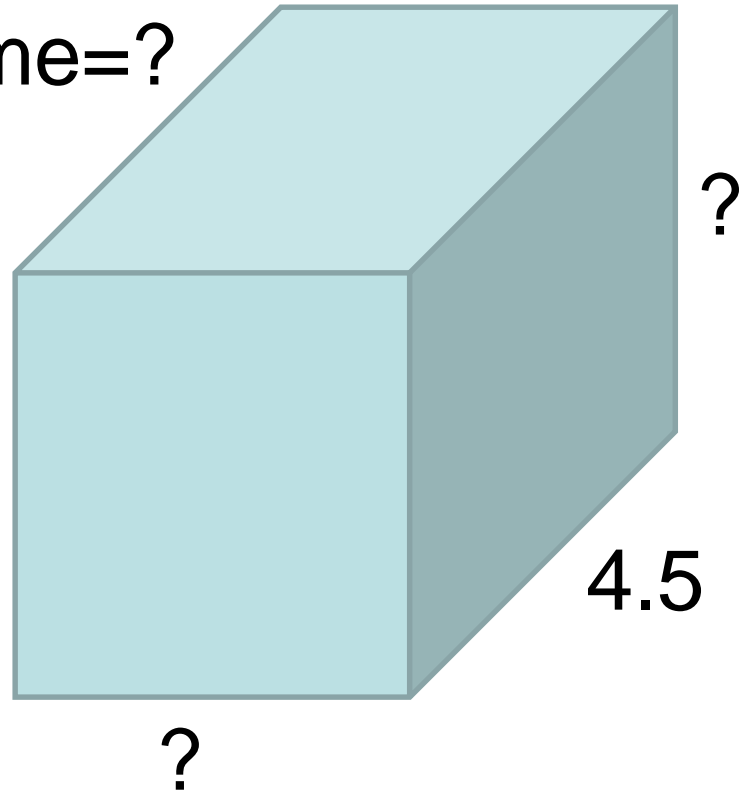
11

square based  
prism



$\times ?$

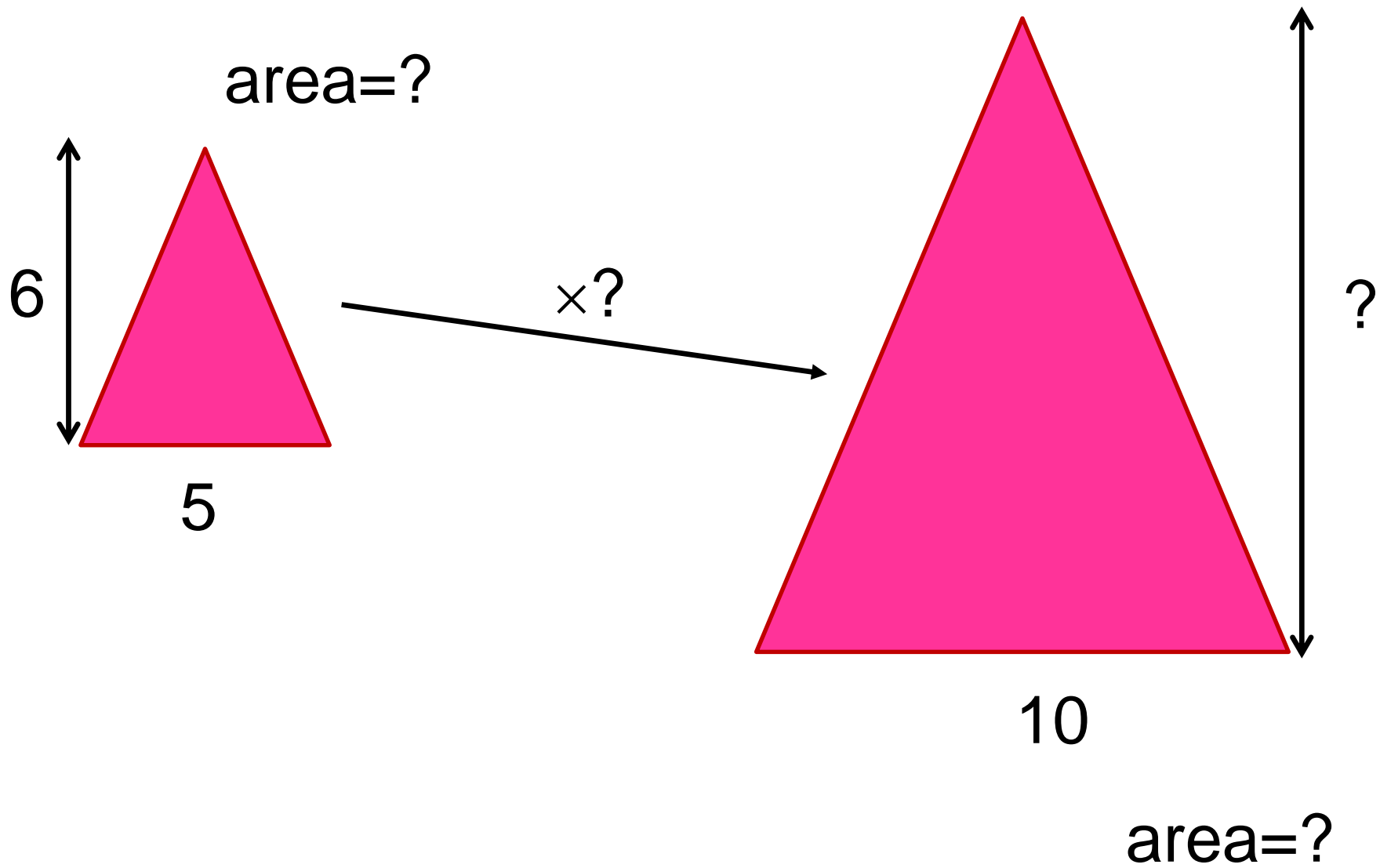
volume=?

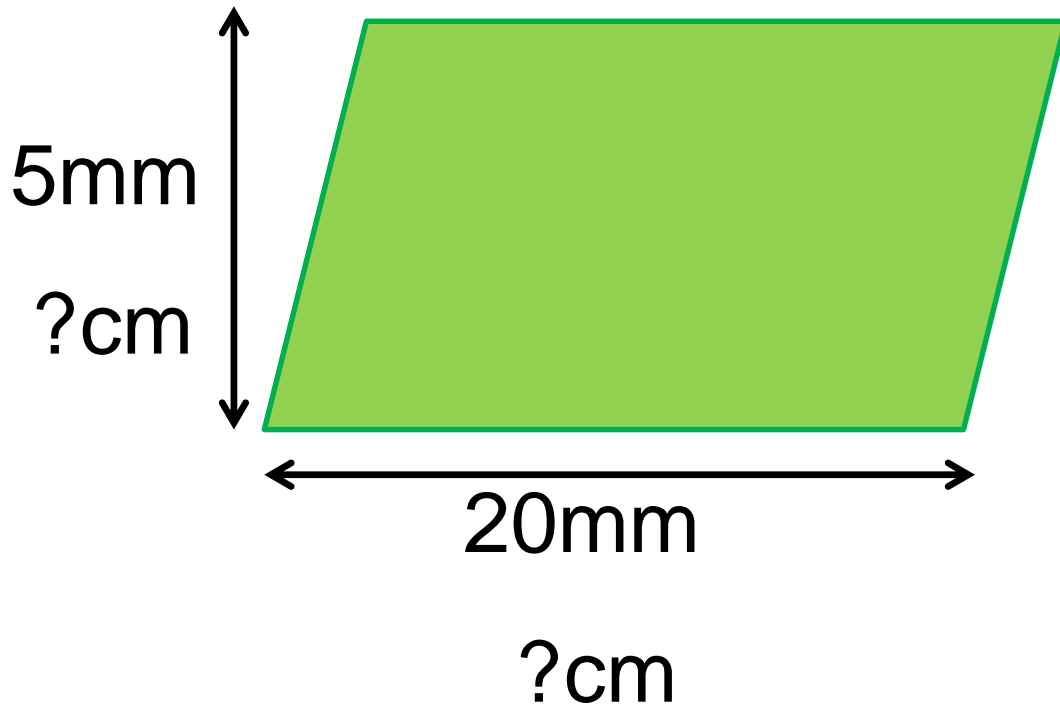


scale factor = ?

area factor = ?

volume factor = ?



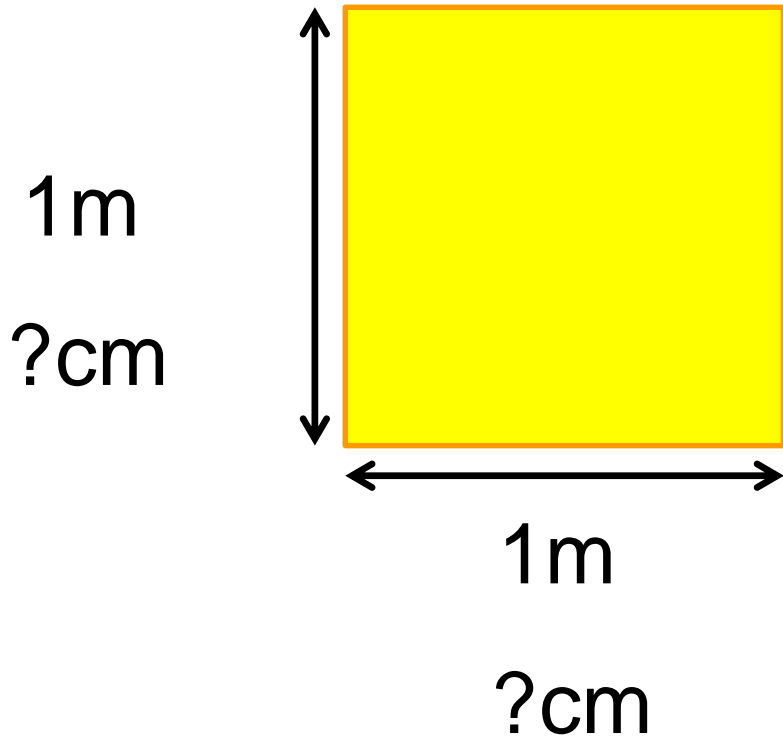


Area = ? cm<sup>2</sup>

Area = ? mm<sup>2</sup>

scale conversion factor = ?

area conversion factor = ?



$$\text{Area} = ? \text{ cm}^2$$

$$\text{Area} = ? \text{ m}^2$$

scale conversion factor = ?

area conversion factor = ?

