

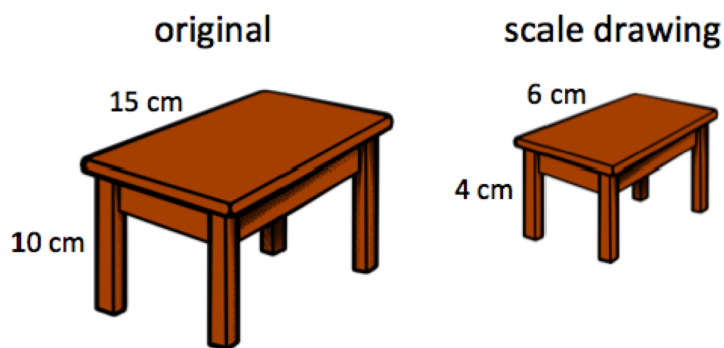
Scale Diagrams...Again

Example - Determining the Scale Factor

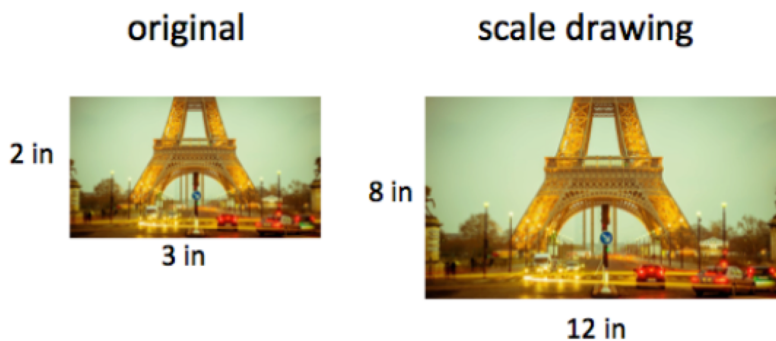
$$\text{Scale Factor} = \frac{\text{Diagram Measurement}}{\text{Actual Measurement}}$$

Determine the scale factor for each of the following:

a)



b)

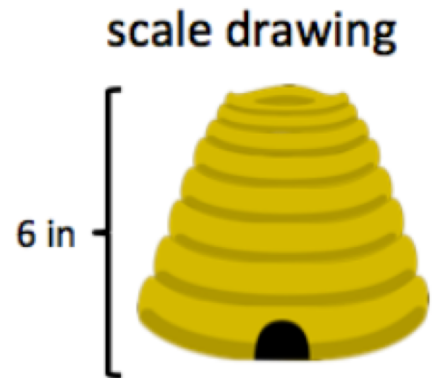


Example - Determining the Actual Given Scale Factor & Diagram

$$\text{Actual Measurement} = \text{Diagram Measurement} \div \text{Scale Factor}$$

Determine the actual height for each of the following given the following scale factors:

a) 1 : 3



b) 2 : 1

c) 0.75

d) 1.5

Example - Determining the Diagram Given Scale Factor & Actual

$$\text{Diagram Measurement} = \text{Actual Measurement} \times \text{Scale Factor}$$

Determine the diagram height for each of the following given the following scale factors:

a) $1 : 4$

b) $3 : 1$

c) 0.8

d) 3.5

