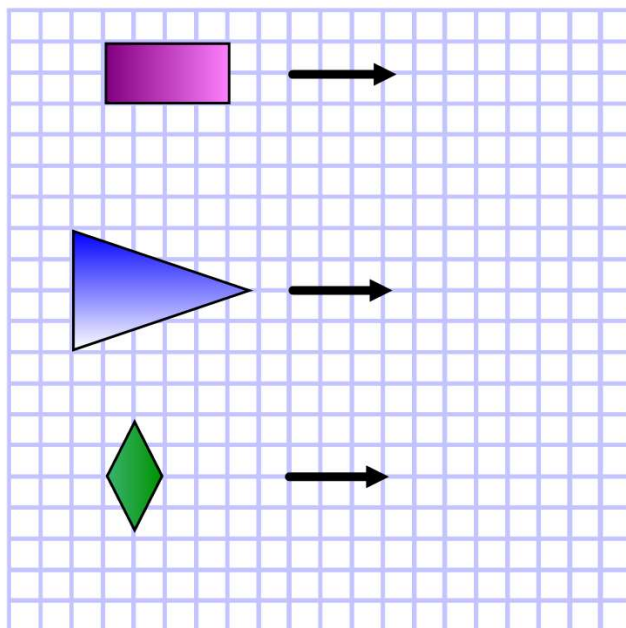
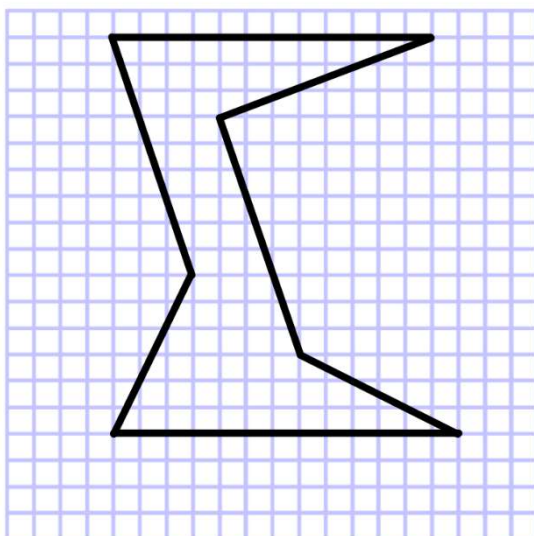


1. Enlarge each shape by a factor of 2.

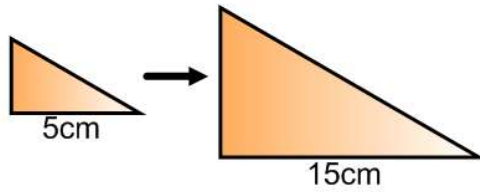


2. The following logo has to be reduced to $\frac{1}{3}$ its size. Draw the new logo.

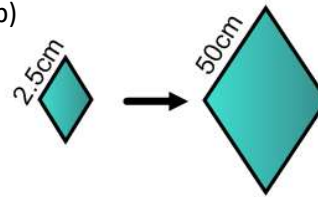


3. Calculate the scale factor. (diagrams are not to scale!!!)

(a)



(b)



(c)



4. An ordinance survey map has a scale of 1 : 500.

The length of a walk on the map is 15.6cm. What would the real life distance be in metres?

5. A toy company is making a model car with a scale of 1 : 27.

The real car has a length of 214cm. How long should the model car be?

