

Name:

Class:

Date:

16.2 Enlarging shapes

Pick and Fill

Same

Size

Changes

Enlargement

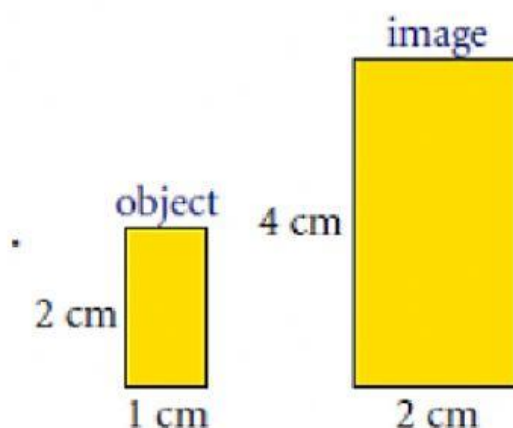
Keep

Proportion

Angles

An _____ of a shape is a copy of the shape
that _____ the _____, but _____ the
same _____. In an enlargement all the _____
stay the _____ size.

Look at these two rectangles.



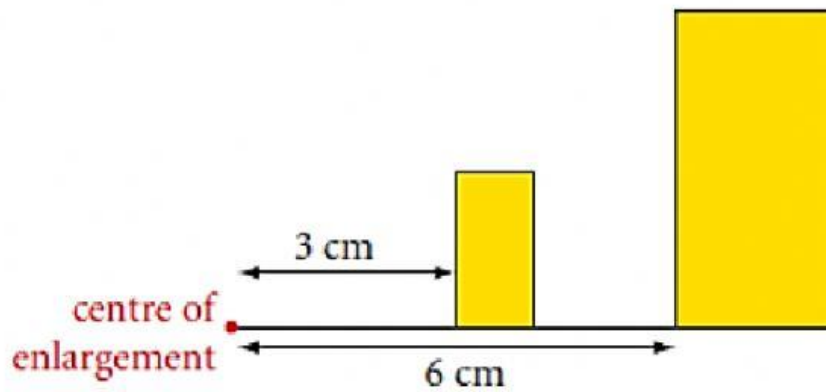
Twice

Scale factor

2

Image

The _____ is an enlargement of the object. Every length on the image is _____ as long as the corresponding length on the object. The _____ is _____.



Center of enlargement

Distance

twice

Center of enlargement

The _____ tells you where to draw the image on a grid. In this case, as the scale factor is 2, not only must the image be twice the size of the object, it must be _____ the _____ from the _____.