

## MTH 3-17c

## Homework 5

## Gold Level

## Outcome 1

## Enlargement &amp; Reduction

Enlarge or reduce these shapes by the given scale factors...

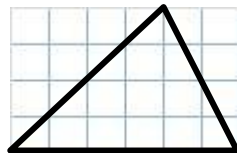
1

Scale factor = 5.5



2

Scale factor = 2.5

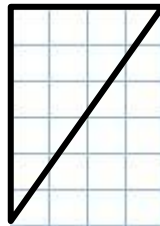


3

Scale factor = 2

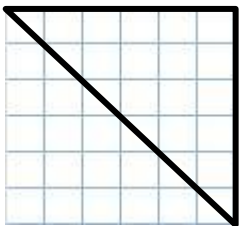


4

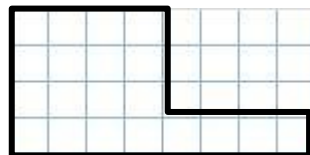
Scale factor =  $\frac{1}{2}$ 

5

Scale factor = 0.5



6

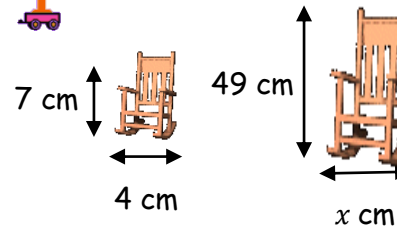
Scale factor =  $\frac{1}{2}$ 

## Outcome 2

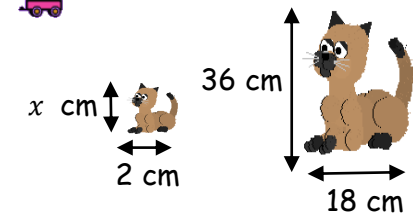
## Scale Factor - Missing Sides

Using the scale factor, calculate the length of the missing sides...

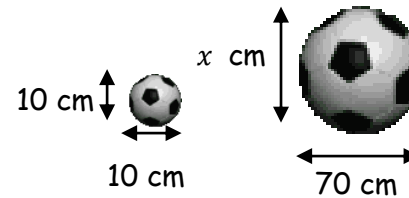
1



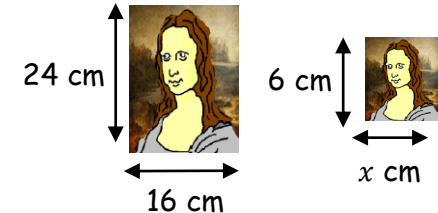
2



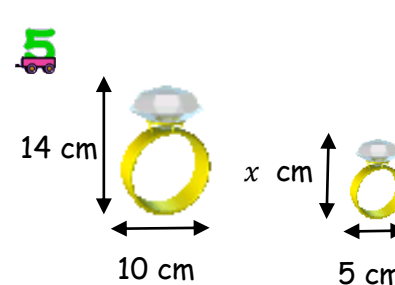
3



4



5



6

