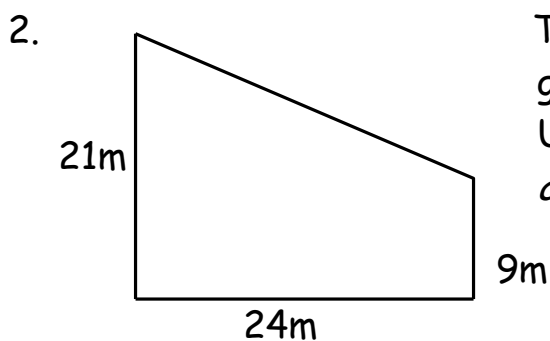


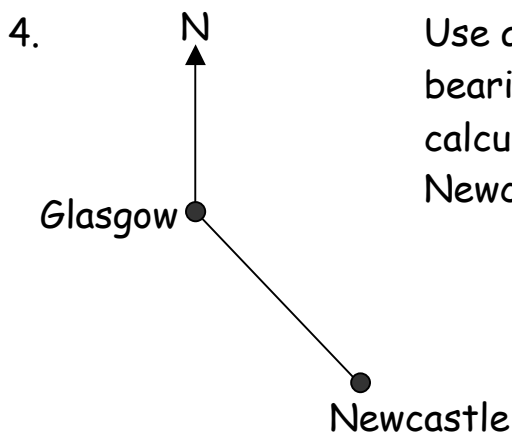
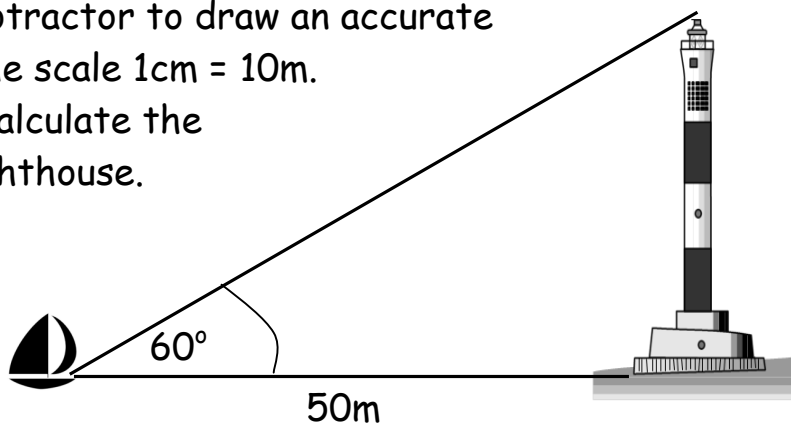
Enlargement & Reduction  
S1-S3, National 4

1. The bus has been drawn to a scale of  $1\text{cm} = 2\text{m}$ . Calculate the actual length of the bus.



This *sketch* shows the dimensions of a garden. Using a scale of  $1\text{cm} = 3\text{m}$  make an *accurate* drawing.

3. a) Use a ruler and a protractor to draw an accurate scale drawing. Use the scale  $1\text{cm} = 10\text{m}$ .  
b) From your drawing calculate the *actual* height of the lighthouse.



Use a protractor to measure the three-figure bearing of Newcastle from Glasgow, and calculate the bearing of Glasgow from Newcastle.