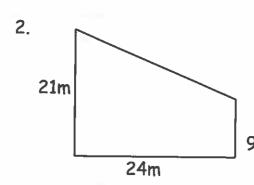
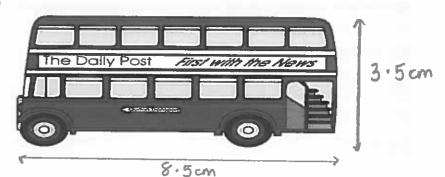
Enlargement & Reduction S1-S3, National 4

The bus has been drawn to a scale of 1cm = 2m. Calculate the actual length of the bus.

3.5cm =

8.5cm = 17m



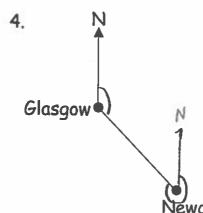


This sketch shows the dimensions of a garden.

Using a scale of 1cm = 3m make an accurate drawing.

New lengths should be 9m 7 cm, 8 cm and 3 cm.

b) From your drawing calculate the actual height of the lighthouse. a) 50m = 5cm Angle does not change. b) Approx. 7.5m



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

50m

60°

3. a) Use a ruler and a protractor to draw an accurate

scale drawing. Use the scale 1cm = 10m.