

## Estimating heights and lengths

If you need to estimate the length, width or height of something, it helps if you can compare it with the length of familiar objects.

For example, if you know that your hand span is about 20 cm, you can use this knowledge to estimate the width of a desk. So four hand spans would mean that the desk is about 80 cm wide.  $4 \times 20$  cm.

See if you can choose the most likely measurement for each of the familiar objects shown below.

Height of a door	1 m	2 m	3 m	4 m
Length of a double-decker bus	9 cm	9 m	90 m	900 m
Height of a mug	1 mm	1 cm	10 cm	40 cm
Length of a drawing pin	10 mm	30 mm	40 mm	50 mm
Length of a swimming pool at a leisure centre	25 mm	25 cm	25 m	250 m
A woman's waist measurement	75 mm	75 cm	750 cm	75 m