

UPPER AND LOWER BOUNDS

The weight of a bag of potatoes is given as 9 kg to the nearest kg. Give the maximum and minimum possible weight of 6 of these bags.

A number is given as 1.26 to 3 significant figures. Give the maximum and minimum possible values for this number and show this on a number line.

A field's dimensions are given as 35m by 47m with each measurement given to the nearest metre. Give the maximum possible area for the field.

If I run 100m in 12.5 seconds find my average speed in m/s. If the distance is correct to the nearest metre and the time to the nearest tenth of a second find my maximum possible speed.