


Numeracy Year 9 – Week 6: Measurement; Chance and Data

STUDENT WORKSHEET

Focus of the week

Estimating length, area, volume, mass and angle with respect to known references

Question 1



Which value is the best estimate of the total length of the numbat?

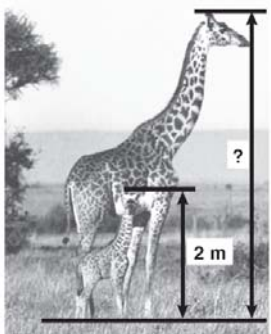
- 15 cm
- 25 cm
- 40 cm
- 55 cm

Question 2

The height of the baby giraffe is 2 metres as shown.

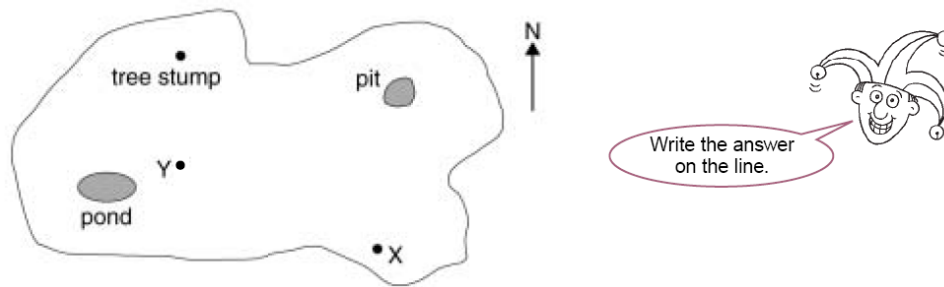
Estimate the height of the adult giraffe.

_____ m




Question 3

Jim is at the tree stump on this map. He thinks there is buried treasure at the point marked X. The map is drawn to scale.



It is 100 m from the tree stump to the point marked Y. Approximately, how far (to the nearest 10 m) does Jim need to walk to reach X?

Challenge Question



The thermometer shows that 10 °C is close to 50 °F.

(a) Which temperature in °C is closest to 50°F **below zero** (-50 °F)?

- 10 °C
- 26 °C
- 46 °C
- 54 °C

(b) Show how you know.
