

Unit Conversion

Name: _____

Useful Imperial to Metric Conversions:

1 inch \approx 2.5cm

1 foot \approx 30cm = 0.3m

1 mile \approx 1.6km

To convert inches to centimetres, multiply by 2.5. To convert centimetres to inches, divide by 2.5.

Use the conversions above to answer the questions below:

(You may use a calculator to help you, but always check that your answers are sensible)

Example:



The London Eye is **440 feet** high.

Using 1 foot \approx 30 cm:

$$440 \times 30 = 13200 \text{ cm} = 132 \text{ m}$$

That is 132 metres.



The mini Maglite® LED torch is around **6 inches** long.

That is _____ cm.



A Komodo dragon, the largest lizard, can grow to around **10 feet** long.

That is _____ metres.



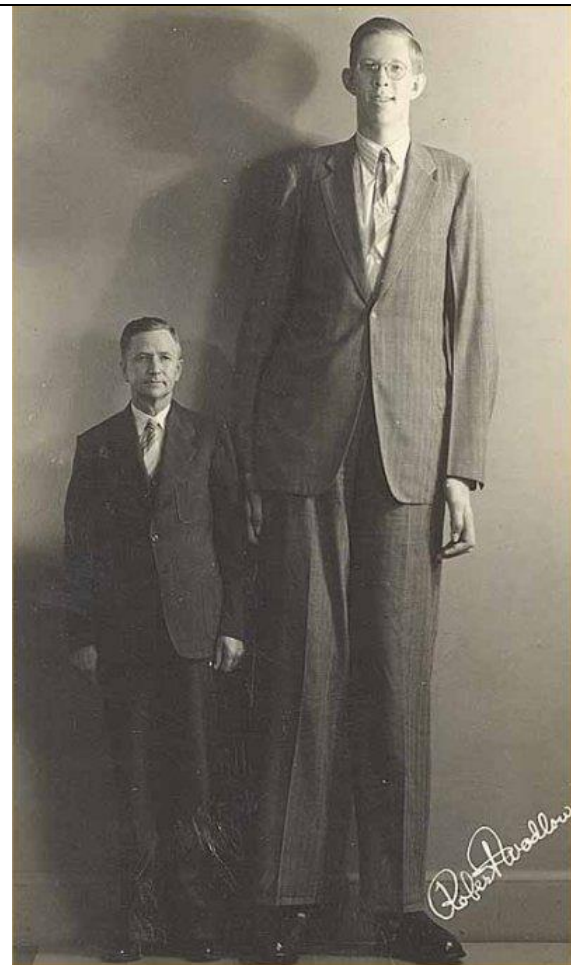
The tallest mountain in the world, Mount Everest, is **5.5 miles** high.

That is _____ kilometres.



The Earth has a circumference of **40,075 kilometres**.

That is _____ miles.



Robert Wadlow, born in 1918 and pictured here beside his father, was the tallest man that ever lived. He was **272 centimetres** tall.

That is _____ feet.



'Miracle Milly', a Chihuahua, is officially the world's smallest dog. She measures **9.5 centimetres** from backbone to paw.

That is _____ inches.