

Name: _____

Exam Style Questions



Sensible Estimates

Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

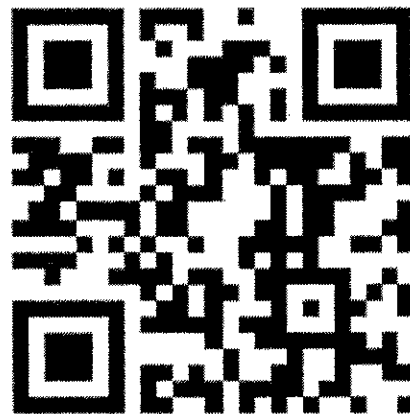
Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

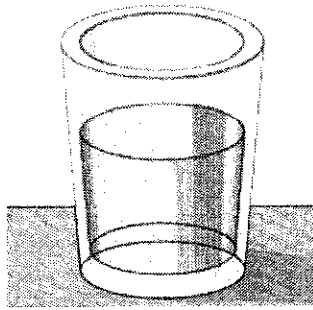
Revision for this topic

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Video 285



1. Shown below is a glass of water.



Below are four estimates of the amount of water in the glass.
Circle the most appropriate estimate.

15ml

1.5L

150ml

15L

(1)

-
2. Shown below is Donald.



Circle the most appropriate estimate for his height.

1.8mm

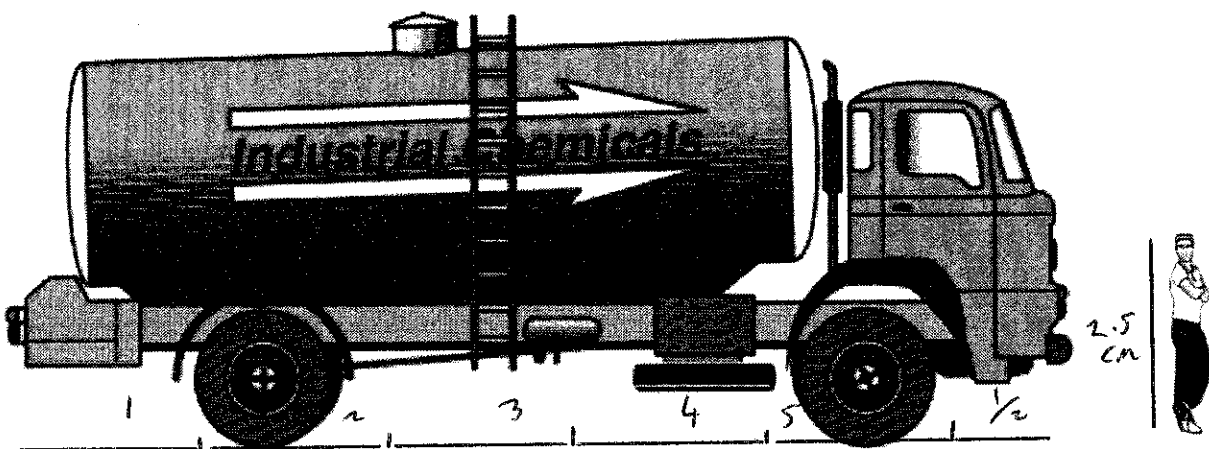
1.8cm

1.8m

1.8km

(1)

3. The scale diagram shows a man and a lorry.



The man is 6 feet tall.

Estimate the length of the lorry in feet.

$$5.5 \times 6 = 33 \text{ feet/foot}$$

$$\begin{array}{r} 33 \text{ feet/foot} \\ \hline (2) \end{array}$$

4.



The scale diagram shows a girl and a house.

The girl is 1.5 metres tall.

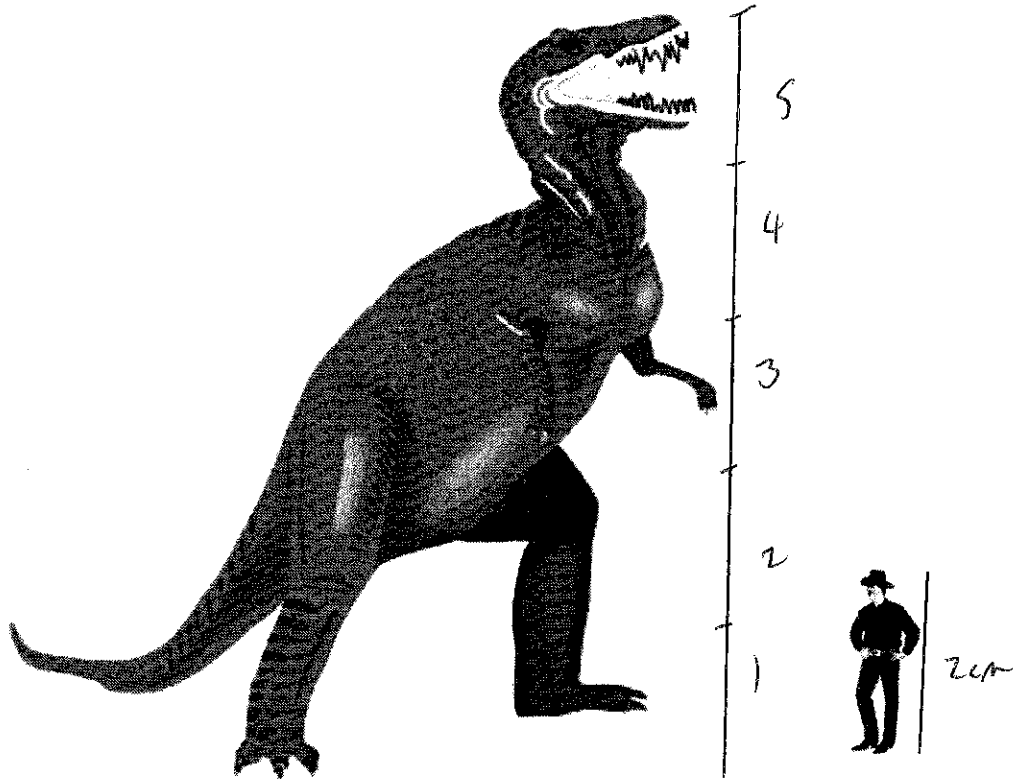
Estimate the height of the house.

$$5.5 \times 1.5m = 8.25m$$

8.25m

.....
(2)

5. The diagram below is drawn to scale.



The man is 6 foot tall.

Estimate the height of the Tyrannosaurus Rex:

(a) in feet

5x 6 foot

30 feet
(2)

(b) in metres

1 metre \approx 3.28 foot

1 metre \approx 3 foot (very roughly)

$$30 \div 3 = 10$$

10m
(2)

$$30 \div 3.28 = 9.14 \text{ m (more accurate)}$$