

COURT in The ACT!

Lesson Objectives

- To revise rounding numbers.
- To measure accurately using metres and centimetres.
- To draw a diagram of a tennis court using a simple scale.

Show the children the diagram of a full tennis court with the dimensions recorded in metres.

Use Diagram A 'Actual Measurements' or http://en.wikipedia.org/wiki/File:Tennis_court_metric.svg

Activity 1

- Revise rounding numbers up and down to the nearest ten or hundred.
- Explain that the children are going to draw a full tennis court on the playground (or in the hall) and to make it easier, they are going to round the measurements to the nearest metre or half metre first.
- As a class or individually, round up or down the court measurements, filling in Diagram B of the worksheet (if your playground space is too small you could halve all of the measurements).
- Take suitable measuring equipment and chalk onto the playground and construct a life sized tennis court!

Activity 2

- Back in the classroom explain that the children are going to draw their own tennis court to scale.
- Using 1 centimetre to represent 1 metre, record the measurements, in centimetres, on Diagram C.
- Demonstrate to the children how to construct their tennis court accurately, to scale, on a sheet of A4 paper.

Activity 3

- Look together at the Key on Activity Sheet 3. This describes the positions of the different parts of the court. On their own drawings of a tennis court, colour the different areas/lines of the court and discuss their purpose.

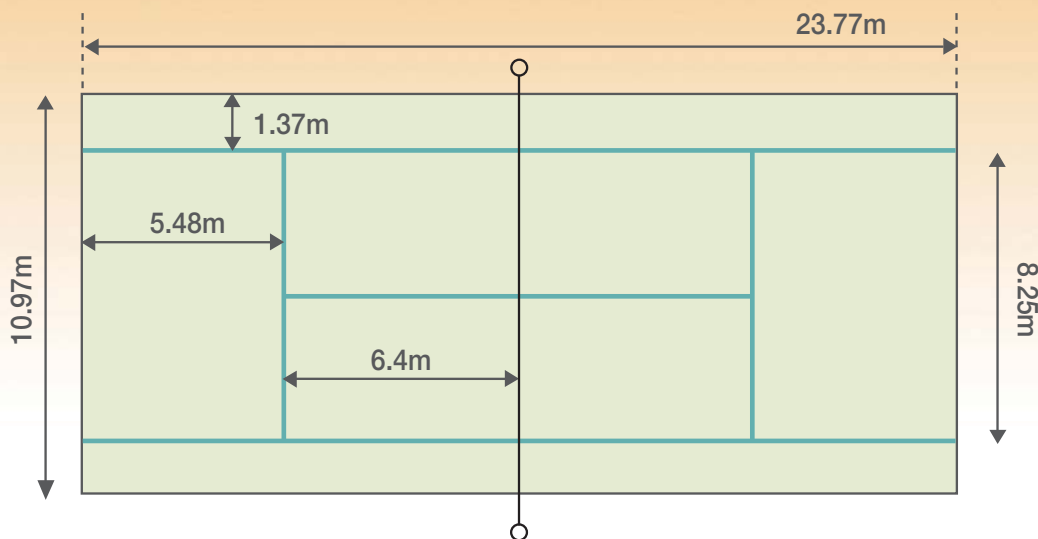
Equipment

- Metre sticks, tape measures, trundle wheel, rulers.
- Chalk or masking tape.
- Sharp pencils.
- Worksheets and A4 or squared paper.

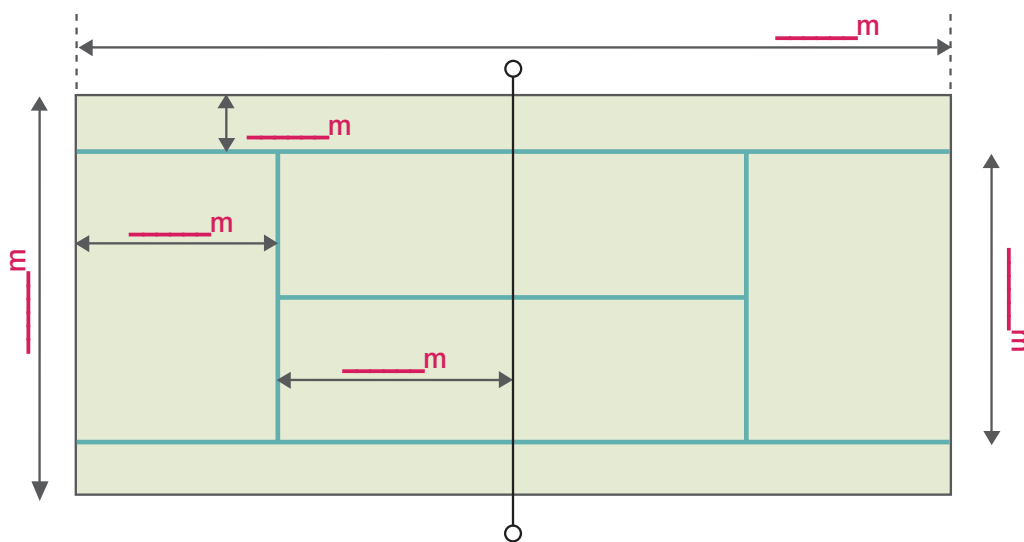


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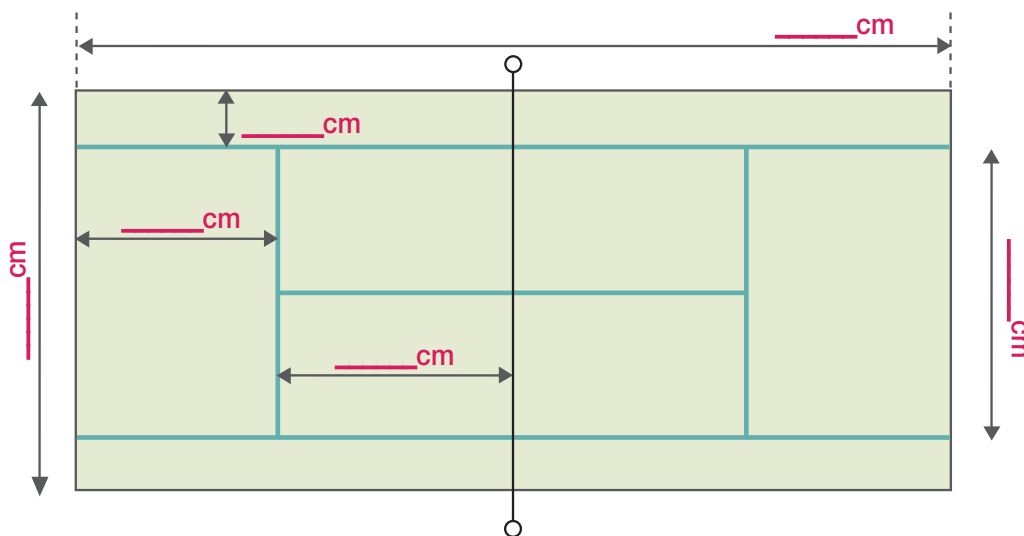
A Actual Measurements



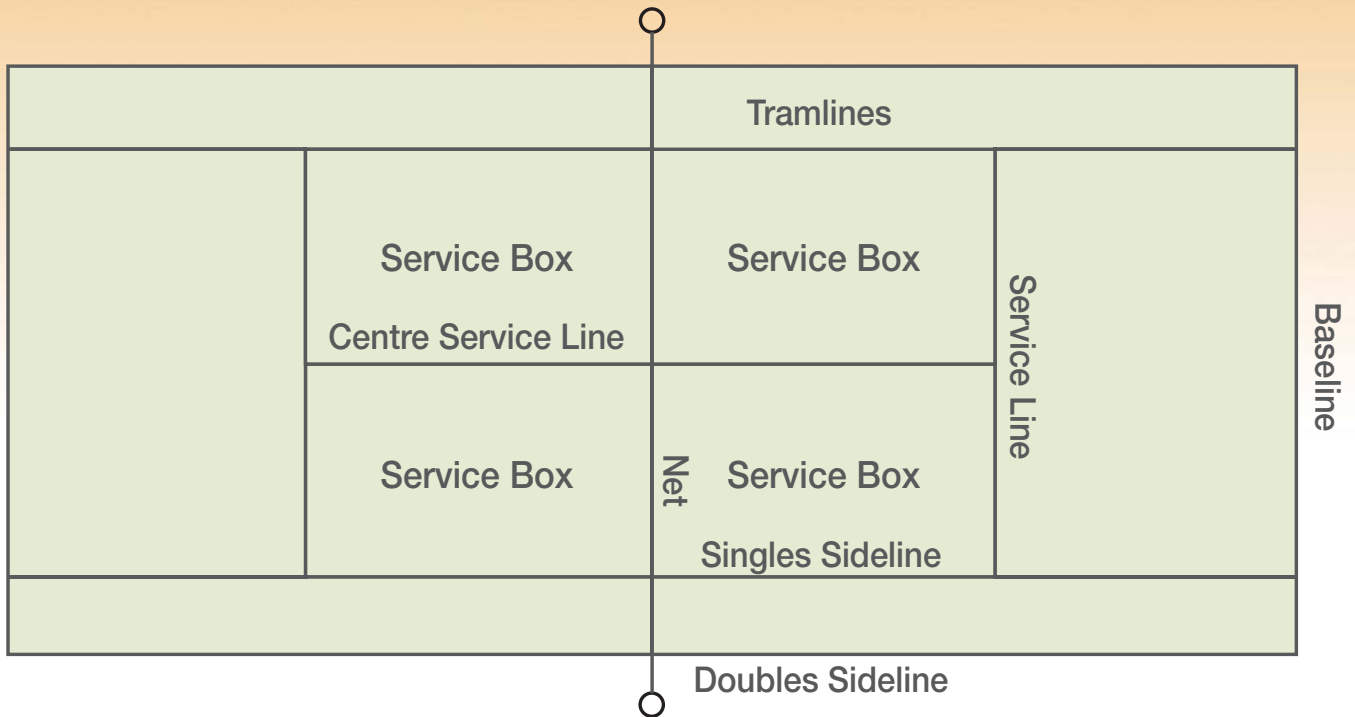
B Rounded Measurements (Activity 1)



C Scaled Measurements (Activity 2)



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	Colour of the line or area on your court diagram	Name	
1		Baseline	The boundary line at either end of the court.
2		Service Line	The line across the middle of the court, marking the end of the service box.
3		Singles Sideline	The line which marks the edge of the singles court.
4		Doubles Sideline	The line which marks the edge of the doubles court. Beware – they are out for singles!
5		Tramlines	Area between the singles and the doubles sidelines; parallel lines that look like tramlines!
6		Service Box	Areas marked where the serve must land to be in.
7		Centre Service Line	The line which separates the service boxes, down the centre of the court.
8		Net	This separates the players' halves of the court.

Key to show lines and areas on a tennis court

On your diagram of a tennis court, mark the above lines and areas with crayon or felt tips to complete the key.