





Check and compare your answers. Which unit of measurement would you use?

1. measure a bookcase

I would use cm or mm as I want to be precise and avoid plenty of decimal positions. Builders usually use mm to be very precise.

2. measure the length of a lorry

Since precision is not of huge importance, I would use metres. (I guess it is somewhere between 8m and 20m (an average car is about 4m long and 1.5m wide and lorry trailers come in very different sizes).

3. measure the distance of a F1-Race track

Again, precision to a mm and cm would be silly, metres and kilometres are best (e.g. Silverstone/UK is 5.901km).

```
Stem-Sentence:
To measure ..., I would use the unit ..., because ...
Keywords:
measurement, distance, mass, capacity, kilometres, millimetres,
centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...
```





Let's get practical! - Our turn.

Draw two lines. A is 76 cm long. B is 45 cm longer.

Your turn to get practical!

Draw two lines. A is 3.7 cm long. B is 6.2 cm longer.

km equates to m because									
m equates to com because in									
In equates to cill, because									
cm equates to mm,									
measurement, distance, mass, capacity, kilometres, millimetres, centimetres,									
L									

THE ANSWER

Let's get practical! - Our turn.

Draw two lines. A is 76 cm long. B is 45 cm longer.

76 cm + 45 cm = 121 cm

														Ш
0 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0 (0°)		1		2			3		4			5		
	متبليتيل		սես		أيليان	بتابي	باينان	цЦц	L.L.L.	սիր			ليتبلين	. I

Your turn to get practical!

Draw two lines. A is 3.7 cm long. B is 6.2 cm longer.

3.7 cm + 6.2 cm = 9.8 cm





Convert their height into metres and millimetres.





**Investigation:** For a woodworking project, Mr Robinson bought a plank of wood, which was 4.20m long.

From it, he cut two equal pieces of 1450mm. Then, he cut off a piece that was 1/2 metre long.



How much wood has he got left?





The answer: For a woodworking project, Mr Robinson bought a plank of wood, which was 4.20m long.

From it, he cut two equal pieces of 1450mm. Then, he cut off a piece that was 1/2 metre long.

- 4.2m = 4200mm1.
- 2x 1450mm = 2900mm2.
- 4200 mm 2900 mm = 1300 mm3.
- $1m = 100cm \rightarrow 1/2m = 50cm = 500mm$ 4.
  - -> 1300mm 500mm = 800mm



## Mr Robinson will have 800mm (80cm) of wood left.

## Stem-Sentence:

- ... mm equates to ... cm, because ... ... cm equates to ... mm,
- because ...
- ... m equates to ... km, because ... ... km equates to ... m, because ...
- ... cm equates to ... m, because ... ... m equates to ... cm, because ...

Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

