**Converting Measures: Length**

WALT- convert between millimetres, centimetres, metres and kilometres.

1. Write out each measurement in **mm, cm** and **m:**
2. 104 cm
3. 394 cm
4. 28.7 m
5. 362 m
6. 0.5 cm
7. 0.5 m
8. 8.3 cm
9. 20.7 cm
10. 1030 mm
11. 66.4 mm
12. 38 mm
13. 45 mm
14. 289 mm
15. 10 mm
16. 107 mm
17. 23 m
18. 5 cm
19. 19 cm
20. 100.5 mm
21. 19.6 cm
22. Write out each measurement in **cm, m** and **km**:
23. 50 cm
24. 3006 cm
25. 263 m
26. 0.75 km
27. 28.2 m
28. 4.93 km
29. 203.7 m
30. 3009 cm
31. 3 km
32. 14 m
33. 800 cm
34. 927 cm
35. 2.982 km
36. 3.25 m
37. 0.57 m
38. 9.57 m
39. Work out the following problems and show your working:
40. Bob had 5.84 metres of string. He wanted to share this equally between 10 of his friends to make shoelaces. How many centimetres of string would each of his friend have?
41. Tilly used to run 3.28 km a day until she was 30 years old. She then started to run 736 metres less each day. How many metres did she now run each day?
42. Malc’s shed door was 3.72 metres tall and 92 cm wide. He wanted to buy some wood to make a frame around the door, but the wood is measured in millimetres. What would these measurements be in millimetres?
43. Andy wanted to measure the lengths of different animals. He recorded a lynx as 3.87m, an elephant as 194cm and a viper as 4582mm. A room in the zoo was 0.23km wide, would the animals be able to stand in a line behind each other in this room?