Lesson 2 problem solving using measurement

Challenge 1

Add these measurements together and show your answer in cm:

    a) 35mm + 3cm

    b) 45mm + 4.5cm

    c) 75mm + 2.5cm

Subtract these measurements from each other and show your answer in meters:

d) 140cm - 1.2m

e) 440cm - 3.2m

f) 730cm - 5.5m

Challenge 2

a) North Street is 1.16km long. South Street is 329m shorter. How long is South Street in M?
b) Lena has 2.5m of rope and 675cm of wool. How much material does she have altogether in cm?
c) A race track is 1.2km. I have ran 150m. How much farther do I have left in km?

Challenge 3

Terry the tortoise says:

"0.595km is **smaller than** 400m because the first 0.595km starts with a zero whereas 400m starts with a 4."

Show/explain that Terry is wrong.