

## Length

Name: \_\_\_\_\_

Recording length using decimal notation to two decimal places.

*Write these lengths in centimeters.*

- a) 4.56 m 456 cm    e) 69.35 m \_\_\_\_\_    i) 348.03 m \_\_\_\_\_    m) 44.5 m \_\_\_\_\_  
b) 5.67 m \_\_\_\_\_    f) 13.54 m \_\_\_\_\_    j) 289.07 m \_\_\_\_\_    n) 27.6 m \_\_\_\_\_  
c) 7.79 m \_\_\_\_\_    g) 28.33 m \_\_\_\_\_    k) 566.04 m \_\_\_\_\_    o) 68.3 m \_\_\_\_\_  
d) 2.09 m \_\_\_\_\_    h) 37.46 m \_\_\_\_\_    l) 980.07 m \_\_\_\_\_    p) 35.9 m \_\_\_\_\_

*Write these lengths in meters.*

- a) 467 cm 4.67m    e) 3256 cm \_\_\_\_\_    i) 340 cm \_\_\_\_\_    m) 3650 cm \_\_\_\_\_  
b) 781 cm \_\_\_\_\_    f) 6782 cm \_\_\_\_\_    j) 450 cm \_\_\_\_\_    n) 9890 cm \_\_\_\_\_  
c) 345 cm \_\_\_\_\_    g) 4542 cm \_\_\_\_\_    k) 280 cm \_\_\_\_\_    o) 9770 cm \_\_\_\_\_  
d) 228 cm \_\_\_\_\_    h) 8243 cm \_\_\_\_\_    l) 590 cm \_\_\_\_\_    p) 2560 cm \_\_\_\_\_

*Solve these problems:*

*Show your working here:*

1) I walked 560 m to the bus stop, turned right and walked for 663 m, turned left and walked a further 29 m to the pool. How far did I walk altogether in km?

2) A student ran around a 800 m track 4 times on the school's athletics carnival day. How far did he run in kilometers?

3) I measured how far our pet snails slid in an hour. King travelled 467cm, Queen travelled 399cm, Prince travelled 405cm and Princess travelled 73cm.

-How much further did King travel than Princess?

- What was the total distance travelled by all the snails in meters?

4) I long jumped 296 cm on my first, 369 cm on my second and 384 cm on my third attempt.

- What was my best distance in meters?

- What was the difference in my best and worst attempt?