# MEASUREMENTS TAKEN ON NATURAL OBJECTS

**Observe the images and natural objects in the surroundings and compare the lengths.**

1) Draw a picture ad write a number sentence to solve.

a) The height of the dog's door way is 19 inches. The height of the family's door way is 78 inches. How much taller is the family door way than the dog's door way?

**Solution:**

The height of the dog's door way = ____ inches.

Family's door way = ____ inches.

The height of the family's door way than the

dog's door way = $78 - 19$ = ____ inches.

(Add 1 to both number so as to do subtraction easily)

= ____ − ____ = ____ inches.

b) Albert saved 42 cents last week. This week he added a quarter, 2 dimes and 13 pennies to his savings. How much money has Albert saved from the last two weeks? Write the answers using the $ or ¢ symbol.

**Solution:**     Albert savings last week = ____ cents.

His saving in this week = ___ quarter ___ dimes ____ pennies.

1 quarter = ____ cents.

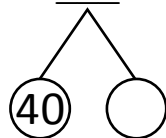1 dime = ____ cents.        2 dime = $10 + 10 = 20$ cents.

= ___ + ___ + ___ = ___ cents.

**By tape diagram:**

| 25 | + 20 | | + 10 | | + 3 | |
|----|------|--|------|--|-----|--|
|    |      |  |      |  |     |  |

His savings from the last two weeks.

= ___ + ___ = 100 ¢.

40   ◯

= 40 + ___ = ____ ¢  (OR) 1 $.

(Add 8 to the first number and subtract 8 from second number)

= ___ + ___ = ____ ¢.