

## Nimbians measure paper in short quire

Nimbia is a dialect of Gwandara; spoken in Northern parts of Nigeria. Nimbia speakers are yet to follow standard metric system and have their own way of representing numbers, sometimes a number can have two logically correct representations though they tend to use only one of them.

Here are several examples

$$\text{gume bi} = 24$$

$$\text{tuni mbe shide} = 18$$

$$\text{bo'o} = 7$$

$$\text{tuni mbe da} = 13$$

$$\text{bo'o} + \text{ugu} = \text{gwom}$$

$$\text{gume bi ni da} = 25$$

$$\text{tager} + \text{biyar} = \text{tuni mbe da}$$

$$\text{bi} \times \text{bi} \times \text{bi} = \text{tager} = \text{furu} \times \text{bi}$$

$$\text{ugu} \times \text{ugu} = \text{tanran} = 9$$

$$\text{kwada} + \text{biyar} = \text{tuni mbe furu}$$

tuni has the same value as gume da

Can you now represent these numbers in Nimbia?

$$1) 5 =$$

$$2) 36 =$$

$$3) 15 =$$

$$4) 33 =$$

$$5) 22 =$$

$$6) 11 =$$

Can you solve these simple calculations in Nimbia?

$$1) \text{biyar} \times \text{bi} =$$

$$2) \text{gume bi} - \text{bo'o} =$$

$$3) \text{tanran} + \text{da} =$$