

# (O) Sum Times in Na (1/1) [10 Points]

Na is a Nilo-Saharan language spoken by around 35,000 people in southern Chad. Below are some additions and multiplications in Na. Note that some Na words are written with dashes to indicate word parts.

$$\text{ko} + \text{ko} = \text{ko-jo} \quad (1)$$

$$\text{maka} \times \text{maka} = \text{ko bi-jo maka} \quad (2)$$

$$\text{jɔkɛ bi-jo mitikijo} \times \text{jo} = \text{ko-bi-jɔkɛ bi-jo sɔ} \quad (3)$$

$$\text{ko bi-jo mitikijo} + \text{ko-bi-jɔkɛ bi-jo muta} = \text{ko-muta} \quad (4)$$

$$\text{jɔkɛ bi-jo jo} \times \text{muta} = \text{ko-jo bi-jo maka} \quad (5)$$

$$\text{jɔkɛ-jo bi-jo maka} + \text{jɔkɛ-jo bi-jo mitikijo} = \text{ko-muta bi-jo muta} \quad (6)$$

**O1.** Write the equations (1)–(6) in digits.

(1)  +  =

(4)  +  =

(2)  ×  =

(5)  ×  =

(3)  ×  =

(6)  +  =

**O2.** Write in digits: **ko-jo-bi-jɔkɛ bi-jo muta** =

**O3.** Translate into Na: 44, 117.

44 =

117 =

**O4.** Explain your observations about how numbers are formed in Na:

