

- (c) **mádexe** (they) are sewing
mebəbáfexe (they) are pretending to fly
sópet (he/she) really was burning
šxéfqəm (he/she) isn't able to eat
gʷəš'əʔexeme if (they) are speaking
mezáqexe (they) are biting

Problem 3.

- (a) 1. Leave the first letter in place.
 2. Delete *h* and *w*.
 3. Replace all consonant letters with digits (letters whose most common sounds are similar are grouped together):
- | | | | | | |
|-------------------------|-----------------------------|-----------|----------|-----------|----------|
| <i>bpu</i> (<i>f</i>) | <i>cgjkqs</i> (<i>xz</i>) | <i>dt</i> | <i>l</i> | <i>mn</i> | <i>r</i> |
| 1 | 2 | 3 | 4 | 5 | 6 |
4. Reduce any sequence of two or more identical digits to a single digit.
 5. Delete all vowels (*a*, *e*, *i*, *o*, *u*, *y*).
 6. Leave only the first three digits or add zeroes on the right to make the code one letter and three digits long.
- (b) *Allaway*: A400, *Anderson*: A536, *Ashcombe*: A251, *Buckingham*: B252, *Chapman*: C155, *Colquhoun*: C425, *Evans*: E152, *Fairwright*: F623, *Kingscott*: K523, *Lewis*: L200, *Littlejohns*: L342, *Stanmore*: S356, *Stubbs*: S312, *Tocher*: T260, *Tonks*: T520, *Whytehead*: W330.
- (c) *Ferguson*: F622, *Fitzgerald*: F326, *Hamnett*: H530, *Keefe*: K100, *Maxwell*: M240, *Razey*: R200, *Shaw*: S000, *Upfield*: U143.

Problem 4. Rules:

- Word order: V P (S/O); S/O P V Poss, V P Poss; S Poss.
- V = verb (past → future: **-bi** → **-ba**, ∅ → **-jba**).
- S = subject (noun). The subject of a transitive verb gets the ending **-ni**.
- O = object (noun).
- P = pronouns (subject + object) + tense:
 - subject:
 - * 1st **ngV-**,
 - * 2nd **nyV-**,
 - * 3rd $\left\{ \begin{array}{l} \text{intransitive verb: } gV- \\ \text{transitive verb: } \left\{ \begin{array}{ll} \text{masculine} & gVnV- \\ \text{feminine} & ngVyV-; \end{array} \right. \end{array} \right.$
 - object: 1st **-ngV**, 2nd **-nyV**, 3rd **-∅**;

– V are vowels (past: i , ..., i , a ; future: u , ..., u).

• Poss = possessed: $\left\{ \begin{array}{l} \text{'+' : } -ngu \\ \text{'-' : } -wa \end{array} \right\} \left\{ \begin{array}{l} \text{possessor} \\ \text{masculine: } -ji \\ \text{feminine: } -nya \end{array} \right\}$

- (a) 1. *Alayulujba nguyunyu bungmanyani.* The old woman will find you (sg.).
 2. *Yagu gininya.* He left you (sg.).
 3. *Janji darrangguwaji.* The dog doesn't have a stick.
 4. *Ngirra nya alanga.* You (sg.) stole the girl.
 5. *Daguma nyinga.* You (sg.) struck me.
 6. *Dirragbi ga balamurrungunya.* She jumped with the spear.
- (b) 7. You (sg.) will leave me. *Yagujba nyungu.*
 8. The doctor slept. *Gulugbi ga ngunybulugi.*
 9. The man will run (away) with the money. *Juwa gu bardba gijilulunguji.*
 10. He will steal the dog. *Ngirrajba gunu janji.*
 11. The girl saw you (sg.). *Ngajbi ngiyinya alangani.*

Problem 5.

(a) $(\circ) \frac{\circ\circ}{\varpi} \frac{\circ\circ}{\varpi} \circ \frac{\circ\circ}{\varpi} \frac{\circ\circ}{\varpi}, \quad \left| \begin{array}{l} \circ = V (a, e, i, o, u) \\ \varpi = VV (aa, ee, ii, oo, uu) \end{array} \right.$

(b)	36.	war	is—maa—ciil		daa-	rood	×
	37.	dir mi-	yaad	wa-	daag-	taan	✓
	38.	laba-	daad	ka	duu-	diye	✓
	39.	ka jan-	na-daad		daa-	hiye	×
	40.	adi-	ga i-	yo	deris-	kaa	✓
	41.	diga-	xaar-	ka	mari-	yoo	✓
	42.	ciid i-	yo doo-		lo di-	raac	×
	43.	noo-	ma kee-		neen	darka	×
	44.	ka-	yaa-	yaa mi-		yaan	×
	45.	wu-	kaa	dan-	qaa-	baan	✓