(c)   **mádexe**   *(they) are sewing*
      mebəbə́fexe   *(they) are pretending to fly*
      sə́pet   *(he/she) really was burning*
      šxéfq̓əm   *(he/she) isn't able to eat*
      gʷəš'ə́ʔexeme   *if (they) are speaking*
      meʒáq̓exe   *(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):

bpv (f)	cgjkqs (xz)	dt	l	mn	r
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*: <u>B</u>252, *Chapman*: C155, *Colquhoun*: C42<u>5</u>, *Evans*: <u>E</u>152, *Fairwright*: <u>F</u>623, *Kingscott*: <u>K</u>5<u>2</u>3, *Lewis*: L2<u>00</u>, *Littlejohns*: L<u>3</u>42, *Stanmore*: S356, *Stubbs*: S312, *Tocher*: T<u>26</u><u>0</u>, *Tonks*: T520, *Whytehead*: <u>W</u>330.

(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 $\begin{cases} \text{intransitive verb:} \quad \textbf{\textit{gV-}} \\ \text{transitive verb:} \quad \begin{cases} \text{masculine} \quad \textbf{\textit{gVnV-}} \\ \text{feminine} \quad \textbf{\textit{ngVyV-;}} \end{cases} \end{cases}$

    - object: 1st **-ngV**, 2nd **-nyV**, 3rd -∅;

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

- Poss = possessed: $\left\{\begin{array}{ll} \text{‘}+\text{’}: & \textbf{\textit{-ngu}} \\ \text{‘}-\text{’}: & \textbf{\textit{-wa}} \end{array}\right\}$ $\left\{\begin{array}{ll} \multicolumn{2}{l}{\text{possessor}} \\ \text{masculine}: & \textbf{\textit{-ji}} \\ \text{feminine}: & \textbf{\textit{-nya}} \end{array}\right\}$

(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) $(\circ)\dfrac{\overset{\text{oo}\ \text{oo}}{\quad\quad}}{\underset{\infty}{\quad}\ \underset{\infty}{\quad}} \circ \dfrac{\overset{\text{oo}\ \text{oo}}{\quad\quad}}{\underset{\infty}{\quad}\ \underset{\infty}{\quad}},$ $\circ = \text{V (a, e, i, o, u)}$
                                                   $\infty = \text{VV (aa, ee, ii, oo, uu)}$

(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-	la de-	yaa-	yaa mi-		yaan	×
45.	wu-	xuun	kaa	dan-	qaa-	baan	√