

## Answer Key for Exercises

### Exercise 2 How many words does a language need?

Explore the size of your own lexicon by taking a small sample. Choose two topics, one from each of the lists below. Then begin listing words that are specific to that topic (that are either used only for that topic or that have a specialized meaning, such as *mouse* for computers). You should easily be able to list 25 words for each topic, so make that your minimum, but try for 50. You can choose a topic that isn't listed, but please devote one list to a specialization and one to general world knowledge.

*Answers will vary. My list is a model.*

*Birdwatching: binoculars, field guide, bird book, bird walk, pelagic trip, owling, life list, state list, county list, spotting scope, bird blind, migratory, vagrant, nesting, breeding; bird parts & colors: beak, bill, lores, eyering, "spectacles," eyes, forehead, cheek, eyebrow stripe, nape, back, rump, tail, throat, breast, belly, undertail coverts, wings, wing bars, chest spot, streaked, rufous, primaries, secondaries, tertiaries, legs, feet; kestreling, full soar; Christmas Bird Count, Big Sit; grebes, loons, sea ducks, bay ducks, gulls, terns, murrelets, shearwaters, albatrosses, geese, snipe, herons, rails, falcons, eagles, hawks, buzzards, birds of prey, woodland birds, songbirds, birds of open country, towhees, hummingbirds, sparrows, wood warblers, crows, vultures, ravens, hantings, flycatchers, tits, titmice, kingfishers, sandpipers, sanderlings, peeps, waders, empidonax flycatchers, orioles, tanagers, etc., etc.*

*87 words, accounting for compounds and phrases.*

### Exercise 3 Detecting voicing of consonants

For each of the sounds below, detect whether or not the vocal cords vibrate during production of the sound. Use one of these two methods: (1) press the palms of your hands over your ears as you say the sound. If the sound is voiced, you will hear a loud buzzing in your head. If it is not, you will not hear any buzzing. (2) Place your index finger just above the point of your Adam's apple. If the sound is voiced, you will feel a vibration with your finger. If the sound is voiceless, you will detect no vibration. Where possible, drag out the pronunciation of the sound — make it last for a number of seconds ('hisssss', 'yuuuuuu'). If this is not possible, repeat the sound several times. *Be careful not to add a vowel to a consonant when testing.* For a sound like [t], for example, just say *t t t*, not *tuh tuh tuh*.

- |                                  |                                   |                                  |                                 |
|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| 1. [s] as in 'hiss'<br>voiceless | 2. [n] as in 'tup'<br>voiced      | 3. [ç] as in 'chat'<br>voiceless | 4. [ð] as in 'mother'<br>voiced |
| 5. [t] as in 'dot'<br>voiceless  | 6. [z] as in 'zoo'<br>voiced      | 7. [b] as in 'bat'<br>voiced     | 8. [i] as in 'egg'<br>voiced    |
| 9. [ʃ] as in 'hush'<br>voiceless | 10. [k] as in 'bake'<br>voiceless | 11. [m] as in 'hum'<br>voiced    | 12. [u] as in 'boot'<br>voiced  |

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