

11.4 Warm Up

1. What is the difference between surveying a population and surveying a sample of a population?

A *sample* is a _____ of a population.

2. Give an example or a description of each of the following:

a) biased sample

b) convenience sample

c) random sample

d) voluntary response sample

3. a) How could the fisheries department estimate the average number of sea lice on salmon without looking at every salmon caught?

The fisheries department could take a _____ of salmon and count the sea lice on them.

They could then find the _____ number of sea lice and assume the same is true for the whole _____.

- b) If there are 90 sea lice on 30 salmon, what is the average number of sea lice per salmon?

Sentence: _____