Stat 11

Class 8 Worksheet

Group name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reporter:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Problem 1

Explain whether or not you think the researchers can estimate what proportion of fish in the river have discolored scales from this study.

For Problems 2 and 3, determine if the study is an observational study or an experiment. Also determine,

1. What are the subjects being studied and how are they selected?

For investigative studies

(a) Retrospective or prospective?

(b) Population parameter of interest?

For experiments,

(a) What factors and how many levels of each?

(b) Number of treatments?

(c) Response variable?

(d) Completely randomized, blocked, or matched design? And blind?

2. What is the scope and nature of the conclusions the study can reach

- Generalizable?

- Cause and effect?

Problem 2

Problem 3