

Algebra

Goal: The learner will understand and use linear relations and functions.

Objective:

5.01 Develop an understanding of function.

c) Find, identify, and interpret the slope (rate of change) and intercepts of a linear relation.

To achieve this objective, students should:

- Understand slope as the constant rate of change in a line.
- Distinguish between lines with no slope (vertical) and lines with zero slope (horizontal)
- Find the slope of functions from tables, graphs, and linear equations.
- Recognize and interpret x- and y-intercepts from the graph, table, and/or linear equations.
- Identify what the slope and intercepts represent in the context of a problem.