

Graphs of functions and equations 3.6.17 Mod 5 lesson 5

Welcome.

Explain to the students what the purpose of inquiry based learning is. Why it is important and that it can help them learn without even knowing it.

Have students do exercise 1-3.

Have students work with assigned partners.

Given an input how do we find the output?

Given the output how do we determine the input?

Any pair of (x,y) that make the equation true. Means that any input (x) would give the only possible output (y)

What does the graph in exercise 2 look like?

With same partner try examples 4.

Were there any graphs that were not a function?

Assume the following ordered pairs are from some graph, $(2, 3)$, $(3, 4)$, $(4, 5)$, $(5, 6)$. Is this graph a function?

Homework: Mod 5 Lesson 5 Problem set #1