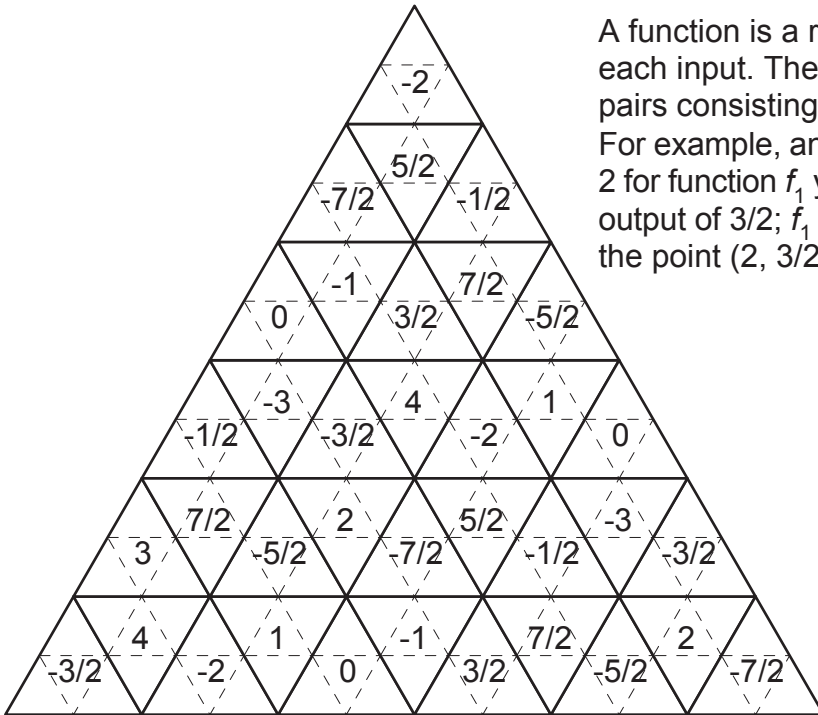
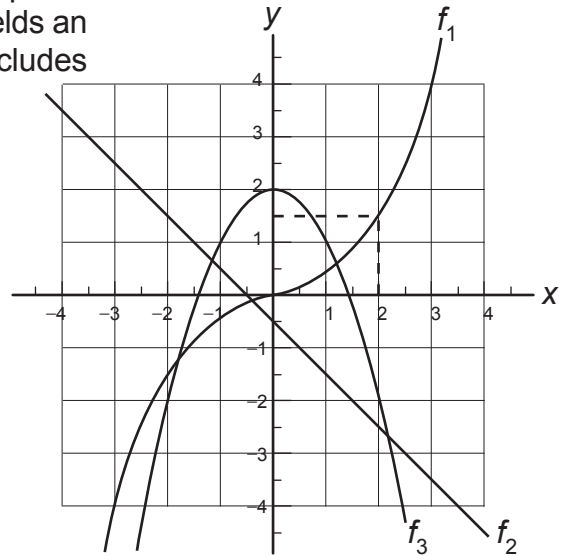


Activity 43

Name _____

A function is a rule that assigns exactly one output to each input. The graph of a function is the set of ordered pairs consisting of an input (x) and an output (y).

For example, an input of 2 for function f_1 yields an output of $3/2$; f_1 includes the point $(2, 3/2)$.



For an input of $5/2$, what is the output of f_1 ?



For an input of 2, what is the output of f_3 ?



For an input of 3, what is the output of f_1 ?



For an input of 0, what is the output of f_2 ?



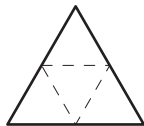
For an input of 1, what is the output of f_2 ?



For an input of 3, what is the output of f_2 ?



What input results in an output of $-5/2$ for function f_1 ?



What input results in an output of -2 for function f_2 ?



What input results in an output of 2 for function f_3 ?



What negative input results in an output of 1 for function f_3 ?



What input results in an output of $5/2$ for function f_2 ?



What input results in an output of -4 for function f_2 ?



Which function, 1, 2, or 3, includes the point $(-2, -2)$?



Which function, 1, 2, or 3, includes the point $(0, 0)$?



Which function, 1, 2, or 3, includes the point $(1/2, -1)$?