

Name: _____

Date: 1/22/26

precalculus 8.1. session

* If you have any questions,
please ask! I am here to
help :)

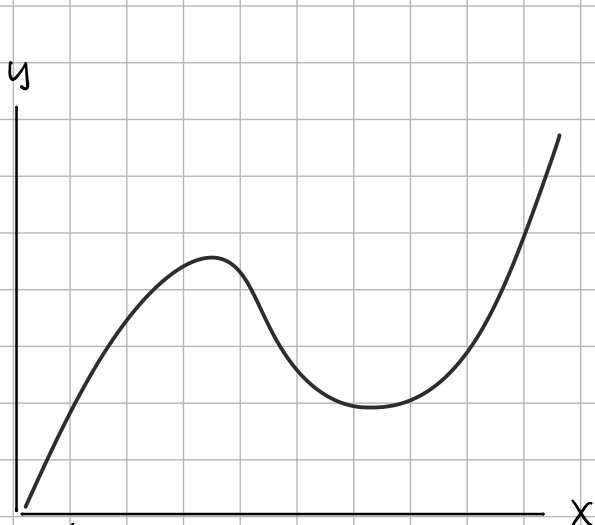
Is this table a function? why or why not?

x	5	6	7	8	5	9
f(x)	10	7	9	2	3	4

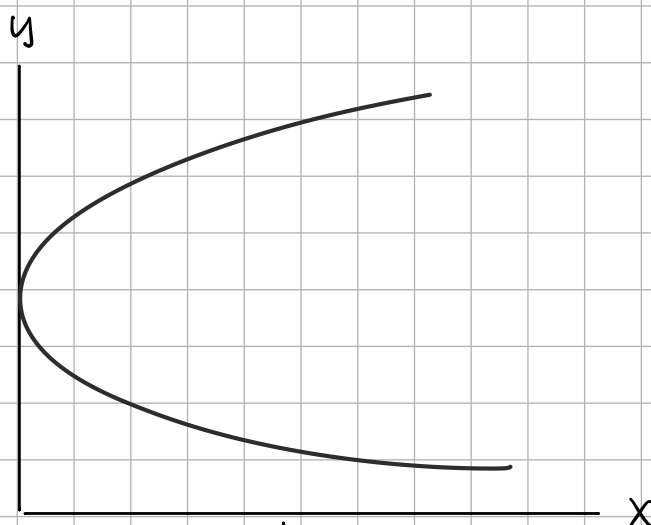
Is this table a function? why or why not?

x	8	9	10	11	7	5
f(x)	2	4	9	8	5	8

Vertical line test



does this graph
pass?
yes or no



does this graph
pass?
yes or no

factor the following polynomials, then foil your answer to check your work!

FOIL=

a) $x^2 - 2x - 15$

b) $3x^2 + 3x - 18$

c) $5x^2 + 19x + 12$

d) $2x^2 - 50$

Exponentials and logs

rewrite the exponentials into log form

a) $2^x = 8$

b) $5^2 = x$

c) $e^x = 1$

rewrite the logs into exponential form

a) $\ln x = 6$

b) $\log 100 = 2$