

FUNCTIONS!

Remember we learned about functions when studying linear equations.

DIX → DOMAIN = _____ = _____ values

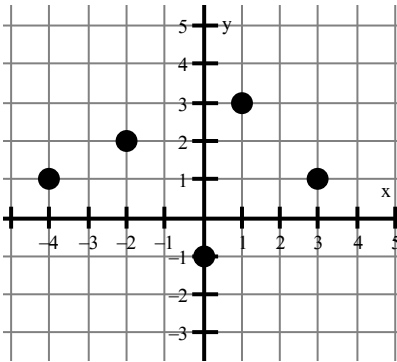
ROY → RANGE = _____ = _____ values

REVIEW 1: What is the DOMAIN and what is the RANGE of the following functions?

- a. $\{(1, 5), (2, -3), (4, 8), (-3, 0)\}$ b.

x	f(x)
-6	2
1	2
6	2

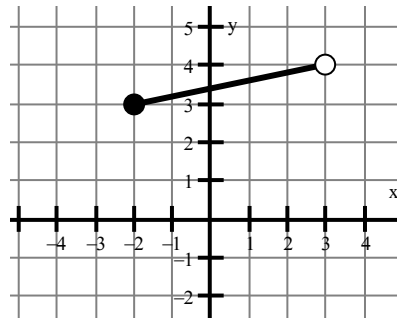
REVIEW 2: What is the DOMAIN and what is the RANGE of the following function?



DOMAIN: _____

RANGE: _____

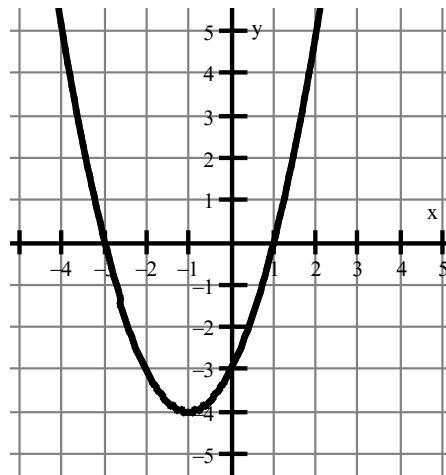
REVIEW 3: What is the DOMAIN and what is the RANGE of the following function?



DOMAIN: _____

RANGE: _____

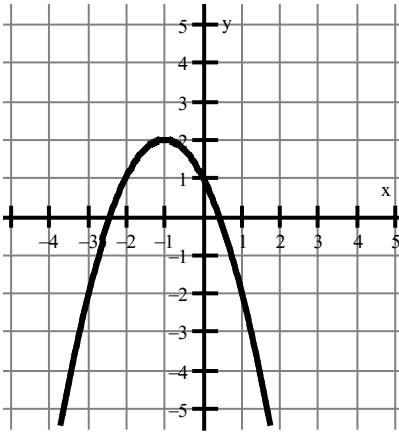
EXAMPLE 1: What is the DOMAIN and what is the RANGE of the following quadratic function?



DOMAIN: _____

RANGE: _____

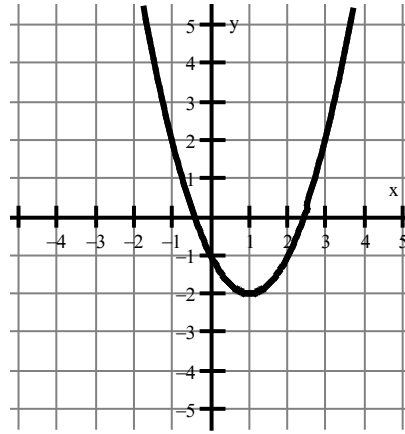
EXAMPLE 2:



DOMAIN:

RANGE:

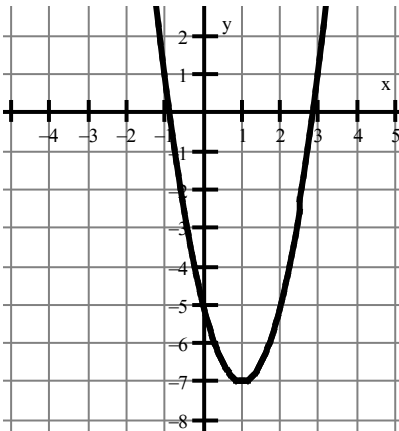
YOU TRY 1:



DOMAIN:

RANGE:

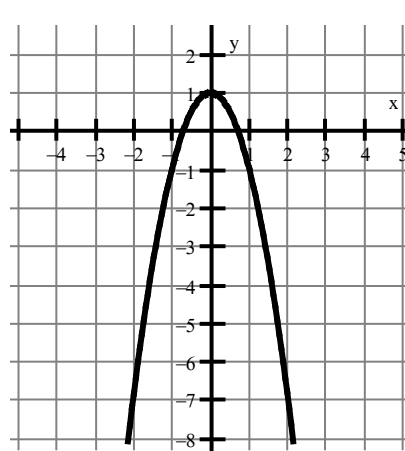
YOU TRY 2:



DOMAIN:

RANGE:

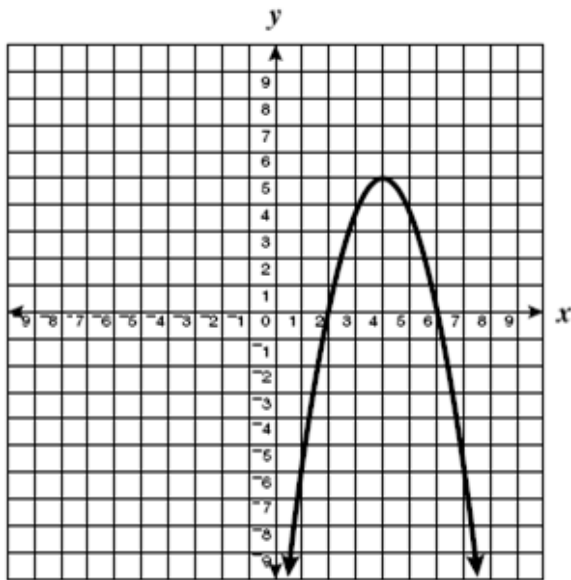
YOU TRY 3:



DOMAIN:

RANGE:

YOU TRY 4:



What is the range of the function?

- a. All real numbers
- b. All real numbers less than or equal to 5
- c. All real numbers greater than zero
- d. All real numbers between 2 and 6