

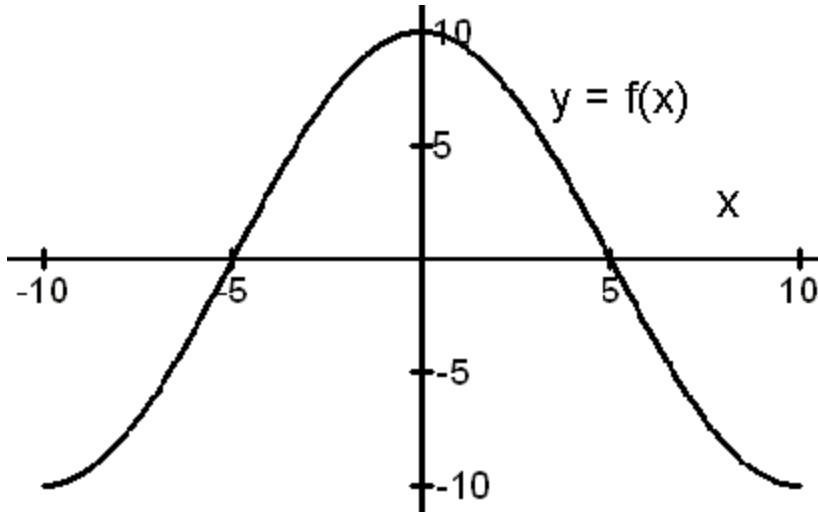
Name: Last _____ First _____

You must show your work and/or provide explanations for your answers for all questions. Otherwise, no credit will be given.

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) For what values of x is the $f(x) < 0$?

1) _____

A) $(-10, -0)$ B) $(-10, -5) \cup (5, 10)$ C) $((5, 10)$ D) $((-5, 5)$

2) How many rolls of carpet must you buy if you have a room that is 18 ft. by 36 ft. and each roll contains 12 square yards

2) _____

A) 9

B) 6

C) 8

D) 54

3) Solve $\log_{10}(x^2 + 15x) = 2$

3) _____

A) 5, -20

B) 10, -5

C) -5, 20

D) 3, 5

Solve the problem.

4) How much pure acid should be mixed with 6 gallons of a 50% acid solution in order to get an 80% acid solution?

4) _____

A) 24 gal

B) 15 gal

C) 3 gal

D) 9 gal

Answer Key

Testname: MATH1111-FINAL EXTRA PRACTICE-SUMMER 2009

- 1) B
- 2) B
- 3) A
- 4) D