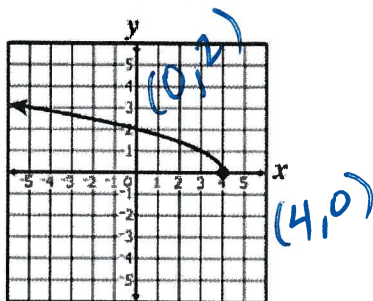


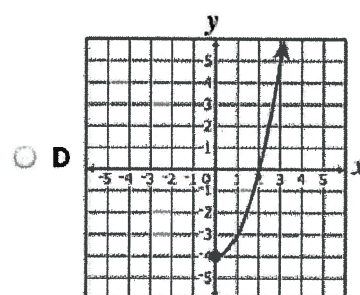
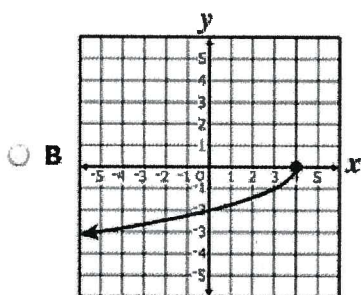
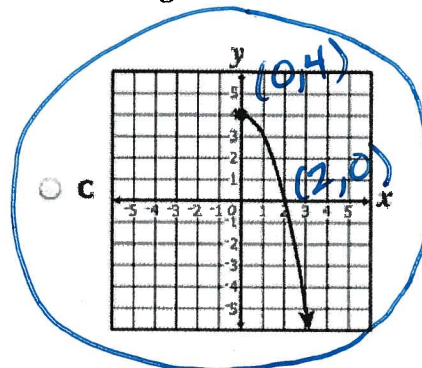
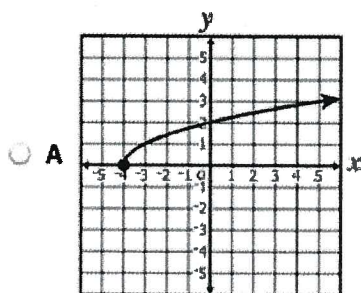
MULTIPLE CHOICE PRACTICE

1.

The graph of the function g is shown on the following grid.

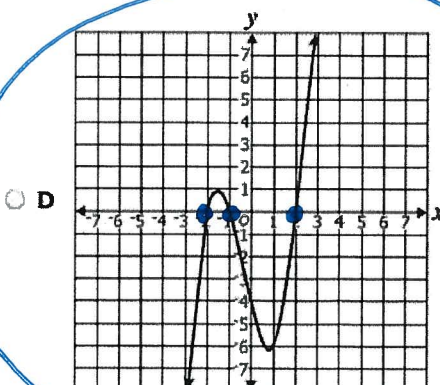
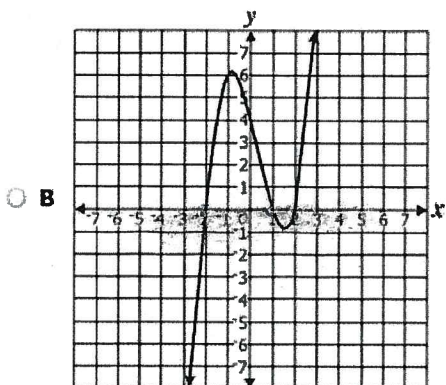
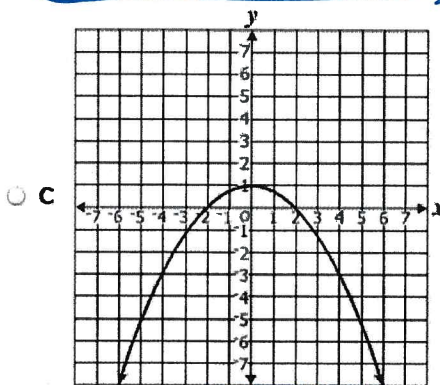
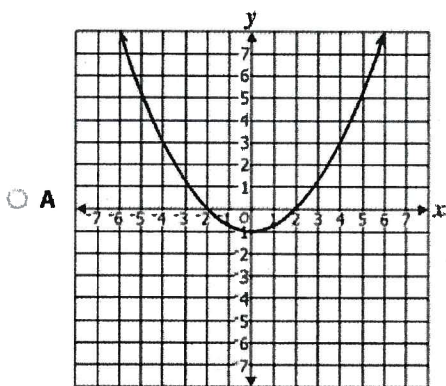


Which graph best represents the inverse of g ?

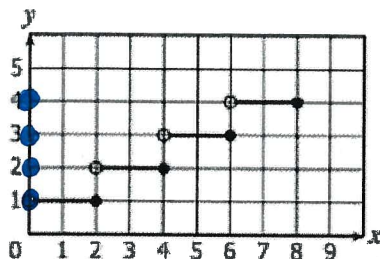


2. Which graph best represents a function with zeros of -2 , -1 , and 2 ?

x-intercepts!



3. The graph of a function is shown on the grid.



Smooosh onto the y-axis (range)

What appears to be the range of this function?

- A $\{y \mid y=1, 2, 3, 4\}$
- B $\{y \mid y=0, 2, 4, 6, 8\}$
- C $\{y \mid 1 < y < 4\}$
- D $\{y \mid 0 < y < 8\}$

4. Use the calculator to:

Which of the following functions does NOT have a range of only the real numbers greater than or equal to zero?

- A $f(x) = \sqrt{4-x}$
- B $f(x) = |x-4|$
- C $f(x) = x^4$
- D $f(x) = \log x$



range is $(-\infty, \infty)$

5. Use the calculator to:

Throughout which of the following intervals is $f(x) = (x-1)(x-4)^2$ only decreasing?

- A $-\infty < x < 0$
- B $-\infty < x < 1$
- C $1 < x < 4$
- D $2 < x < 4$

