

YOUR NAME: _____

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Read each problem **very carefully** before starting to solve it. Each problem is worth around 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. **GOOD LUCK!!**

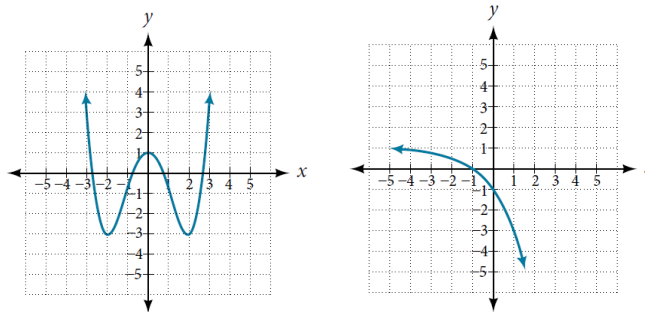
1. [2 points] Consider the following function presented in tabular form.

x		-3		-2		-1		0		1		2		3
$f(x)$		7		2		10		1		2		8		5

- (a) $f(1) =$
- (b) If $f(x) = 2$, then $x =$
2. [4 points] Suppose $g(x) = x^2 + 2x$.

- (a) $g(-5) =$
- (b) If $g(x) = 3$, what is x ?

3. [4 points] After looking carefully at the following graphs, circle those of (a)-(d) that apply. (Please, circle only the letters at the beginning of the line.)



- (a) The one on the left is the graph of a function.
- (b) The one on the right is the graph of a function.
- (c) The one on the left is the graph of a one-to-one function.
- (d) The one on the right is the graph of a one-to-one function.