



Vocabulary: Addition and Subtraction of Functions



Vocabulary

- **Function** – a set of ordered pairs such that for each input (x) value, there is one and only one output (y) value.
- **Parabola** – the graph of a quadratic function.
 - For example, the graph of $y = x^2 - 2x - 8$ (shown to the right) is a parabola.
- **Quadratic function** – a function of the form $y = ax^2 + bx + c$, where $a \neq 0$.
 - The “ a ” cannot be 0 because, if $a = 0$, the function becomes linear: $y = bx + c$.

