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 – 2*x* – 8 (shown to the right) is a parabola.
* Quadratic function – a function of the form *y* = *ax*2 + *bx* + *c*, where *a* ≠ 0.
* The “*a*” cannot be 0 because, if *a* = 0, the function becomes linear: *y* = *bx* + *c*.