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**8-69.** Use a similar process as you did in problems 8-65 and 8-67 to sketch the parabola for *x*2 + *x −*6 by using its intercepts.



**8-70.** Compare the two equations below.

          (x + 2)(x − 1) = 0 and (x + 2) + (x − 1) = 0

* 1. How are the equations different?
	2. Solve both equations.

**8-71.** For each equation below, solve for *x*.

* 1. (*x* − 2)(*x* + 8) = 0 b. (3*x* − 9)(*x* − 1) = 0

**8-74.** Factor each quadratic below **completely**.

* 1. 2*x*2 − 2*x* – 4
	2. 4*x*2 − 24*x* + 36