**Quadratic Word Problems (Factored Form)**

* Example 1



Solutions to Example 1:

 

* Example 2



Solutions to Example 2:

 

Note: The question asks for the height at the time of diving. We don’t know the height, but we do know the time at which Ana dives (time = 0 seconds). Plug zero into the function: h(0).

* Example 3



Solutions to Example 3:

 