**Quadratic Word Problems (Factored Form)**

* Example 1

Graphical user interface, text, application, email

Description automatically generated

Solutions to Example 1:

Graphical user interface, text, application, email

Description automatically generated

* Example 2

Graphical user interface, text, application, email

Description automatically generated

Solutions to Example 2:

Graphical user interface, text, application

Description automatically generated

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

Graphical user interface, text, application, email

Description automatically generated

Solutions to Example 3:

Text, letter

Description automatically generated