

# A very simple Latex example

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## 1 Problem

Given three real numbers  $a, b, c$ , solve the equation:

$$ax^2 + bx + c = 0 \tag{1}$$

## 2 Solution

1.  $a = 0$ 
  - $b = 0, c \neq 0 \Rightarrow$  there is no solution for equation (1).
2.  $a \neq 0$ . Let  $\Delta = b^2 - 4ac$ .

## 3 Example

Figure 3.

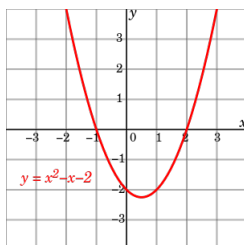


Figure 1: My caption