

## Sample Problem 7

The purpose of these practice problems is to apply what the student has learned as well as to aid in retention. **This is not for a grade!** However, if the student completes all the sample problems, the student will be able to turn all sample problems in for extra credit worth 50 points at the end of the course.

### 1 Symbols

Declare  $a$ ,  $b$ ,  $c$ , and  $d$  as symbols and set  $y = ax^2 + bx + c$ . Use the solve function to find  $y = 0$ . Is the result familiar?

**Note:** See symbolic toolkit example.