

# Sample Problem 1

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 Basics

Set  $x$  to 45 and let  $y$  represent  $\sin(x)$  and  $z$  represent  $\text{sind}(x)$ . How come they have different values?

**Note:** See `ProgramExample3_Built_Functions.m`