









- The integers and real numbers of the idealized world of math have some properties not completely shared by their computer representations.
- Math integers can be any size; computer integers can't.

Slide 5

- Math real numbers can be any size and precision; floating-point numbers can't. Also, some quantities that can be represented easily in decimal can't be represented in binary.
- Math operations on integers and reals have properties such as associativity that don't necessarily hold for the computer representations. (Yes, really!)
- (Two "floating point is strange" example programs.)

