**Appendix A: Rounding**

For all Code Quest problems that ask you to round, we will be using the “round to nearest” method, which is what most people consider to be normal rounding. If we were asked to round to the nearest integer, the following results would occur:

* 1.49 would round down to 1
* 1.51 would round up to 2

Because we are rounding to the nearest item, what happens when a number is exactly in the middle? In that case, we will use the “round away from zero” tie breaker, which is also what is generally considered to be normal rounding. Again, if we were rounding to the nearest integer:

* 1.5 would round up to 2
* -1.5 would round down to -2