## THE POWER OF A ZERO

Many people don't realize the havoc a single zero can wreak on an average. Sure, they can figure out the basic math, but it still doesn't quite sink in what it all means. Let's have a look . . .

For simplicity, let's say we are looking at only one aspect of a grade (for example, your "homework" grade).

If you are given two homework assignments and you do a perfect job on the first one, but don't hand in the second one, your grade is cut in half:
from $100 \%(A+)$ to $50 \%(F)$.

Things don't get much better if you are given three assignments and you ace two, but don't hand in the third. The grade shift:

$$
\text { from } 100 \%(A+) \text { to } 66.67 \%(D) .
$$

Indeed, to get that average back up to the "A" range, you would need:
9 perfect papers just to get a 90\% (A-)

What do you need to get the full letter back?
28 perfect papers will get you to $96.55 \%$ (A+)

What do you need to statistically get the 100\% average back?
198 perfect papers!!!!

And, Nota Bene, all of the papers to make up for the single zero need to be perfect (100\%).

## DO YOUR HOMEWORK

