**Significant Figures Race**

Are you a pro when it comes to significant figures? Do you like to tell your classmates that you’re better than they are? With this competition you can (potentially) do both.

How it works: There are ten questions, in two groups of five. When your group has finished one group of five, bring it up to me to get it checked. If the answer is correct, *including the right number of significant figures*, you can move on to the next five. Whatever group finishes all ten questions correctly first wins!

|  |  |  |
| --- | --- | --- |
| **Measurement** | **Number of sig figs** | **Precise to...** |
| 0.450 kg |  |  |
| 3020 g |  |  |
| 0.010 m |  |  |
| 10.010 m |  |  |
| 882. sec |  |  |

|  |  |  |
| --- | --- | --- |
| **Measurement** | **Number of sig figs** | **Precise to...** |
| 4600 cm |  |  |
| 340.0 mm |  |  |
| 2.40 x 1011 mg |  |  |
| 710 ms |  |  |
| 0.0023 J |  |  |