**[](http://images.google.com/imgres?imgurl=http://images.acclaimimages.com/_gallery/_TN/0093-0609-2320-0753_TN.jpg&imgrefurl=http://www.acclaimimages.com/_gallery/_print_terms/calculator.html&h=100&w=93&sz=5&hl=en&start=32&um=1&tbnid=zbiRSTS1e0QSAM:&tbnh=82&tbnw=76&prev=/images?q=mathematical+calculations+cartoon&start=20&ndsp=20&um=1&hl=en&rlz=1T4RNWN_enUS280US280&sa=N)Significant Figures Worksheet**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Perform the following calculations on a separate sheet of paper**

**1. Determine the number of significant digits in each of the following:**

**a) 6.571 g f) 30.07 g k) 54.52 cm**

**b) 0.157 kg g) 0.106 cm l) 0.12090 mm**

**c) 28.0 ml h) 0.0067 g m) 2.690 g**

**d) 2500 m i) 0.0230 cm n) 43.07 cm**

**e) 0.0700000 g j) 26.509 cm**

**2. Add: 3. Subtract:**

**a) 16.5 + 8 + 4.37 a) 23.27 – 12.058**

**b) 13.25 + 10.00 + 9.6 b) 13.57 – 6.3**

**c) 2.36 + 3.38 0.355 + 1.06 c) 350.0 - 200**

**d) 0.0853 + 0.0547 + 0.0370 + 0.00387 d) 27.68 – 14.369**

**e) 25.37 + 6.850 + 15.07 + 8.056**

**4. Multiply:**

**a) 2.6 x 3.78**

**b) 3.08 x 5.2**

**c) 6.54 x 0.37**

**d) 0.0036 x 0.02**

**e) 3.15 x 2.5 x 4.00**

**f) 4.35 x 2.74 x 3.008**

**g) 0.085 x 0.050 x 0.655**

**h) 35.7 x 0.78 x 2.3**

**5. Divide**

**a) 35 / 0.62**

**b) 39 / 24.2**

**c) 0.58 / 2.1**

**d) 40.8 / 5.05**

**e) 0.075 / 0.030**