

1. How many significant figures are in each of the following numbers?

100 _____ 102 _____ 102.0 _____ 100,101 _____ 0.02250 _____ 1.10 _____ 0.09 _____

2. Round each of the following numbers to 4 significant figures:

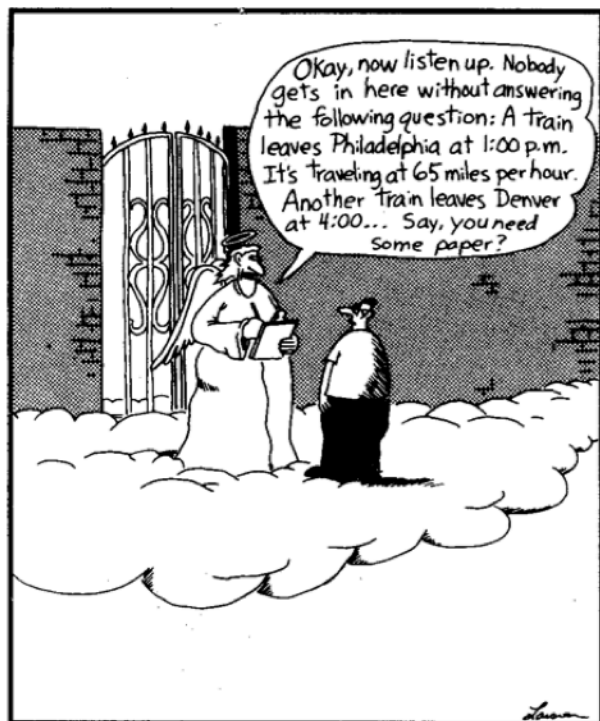
1.2234 _____ 14478 _____ 200,090 _____ 456650 _____ 0.000234451 _____

3. Solve with correct units and sig figs:

a. $72.0 \text{ m} + 14.99 \text{ m} =$ _____ b. $14.835 \text{ m} / 0.23 \text{ s} =$ _____

4. Convert the following using proper dimensional analysis (i.e, correct conversion factors, units, sig figs... and box your answer!).

$56.8 \text{ inch/hr} =$? m/min



Math phobic's nightmare