1. Find the mean, median and mode of the following set of numbers.

21, 87, 37, 35, 53, 62, 17, 39, 48, 18, 88, 11, 6, 63, 30, 44

6, 11, 17, 18, 21, 30, 35, 37, 39, 44, 48, 53, 62, 63, 87, 88

median = 38   (37+39)/2

mean = $\frac{sum}{16}$ = $\frac{659}{16}$ ≈ 41.19

mode = none (no repetitions)

2. Write the following answers in scientific notation with two significant digits.

a. $(7.7 \times 10^{-2})^4$

≈ 3.5×10^{-5}

b. $(3.9 \times 10^4) \cdot (9.6 \times 10^3)$

≈ 3.7×10^8

c. $(2.3 \times 10^{-3}) \div (1.8 \times 10^{-5})$

≈ 1.3×10^2