



PART 2

3. State the *number of significant digits* in each of the following measured values:

- a. 1.000 m
- b. 0.1030 g
- c. 5040 kg
- d. 250.05 kg
- e. 0.0025 s
- f. 4.052×10^3 m

4
4
3
5
2
4

4. Write the following numbers in *scientific notation*:

- a. 60.790
- b. 0.00065
- c. 0.7090
- d. 5700

6.0790×10^1
 6.5×10^{-4}
 7.090×10^{-1}
 5.7×10^3

5. Write the following numbers in *expanded form*:

- a. 5.065×10^3
- b. 7.00×10^{-1}
- c. 6.95×10^{-4}
- d. 950.5×10^0
- e. 2.30×10^1

5065
0.700
0.000695
950.5
23.0