

Rules for Significant Figures (sig figs, s.f.)

F. Practice Problems

1. Provide the number of sig figs in each of the following numbers:

(a) 0.0000055 g _____ (c) 1.6402 g _____

(b) 3.40×10^3 mL _____ (d) 1.020 L _____

2. Perform the operation and report the answer with the correct number of sig figs.

(a) $(10.3) \times (0.01345) =$ _____

(b) $(10.3) + (0.01345) =$ _____

(c) $[(10.3) + (0.01345)] \div [(10.3) \times (0.01345)] =$ _____