NAME _____ DATE _____

Significant Figures
Practice Problems (Level 1)

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

   a. 23 cm
   b. 1,498 g
   c. 248.3 s
   d. 9.855 mL
   e. 76.414 kg

   f. 32.8 m
   g. 107 mm
   h. 0.238 km
   i. 8.0335 cm
   j. 0.05587 m

2. Express the answer to each of the following calculations with the correct number of significant figures.

   a. 3.42 cm + 8.13 cm
   b. 4.939 g + 3.822 g
   c. 17.8 cm + 12.11 cm
   d. 4.552 kg + 3.14 kg
   e. 1.966 s + 3.4422 s

   f. 3.882 g − 2.114 g
   g. 4.894 cm − 2.33 cm
   h. 15.6674 m − 12.838 m
   i. 11.22 g − 8.8 g
   j. 133 L − 6.45 L

3. Express the answer to each of the following calculations with the correct number of significant figures.

   a. 1.2 cm × 1.3 cm
   b. 2.1 m × 1.8 m
   c. 1.45 m × 2.2 m
   d. 2.5 mm × 1.33 mm
   e. 4.3324 km × 1.2 km

   f. 32.88 m² ÷ 4.388 m
   g. 16.5 km² ÷ 1.8 km
   h. 84.99 m² ÷ 2.63 m
   i. 9.9 mm² ÷ 3.4484 mm
   j. 3.085 cm² ÷ 2.77448 cm