

6. How many significant digits are in each of the following values?

- a. 5.002 g _____
- b. 5000 dL _____
- c. 0.000 689 mg _____
- d. 8.90×10^3 km _____
- e. 0.3870 mL _____
- f. 140°C _____
- g. 0.000 600 8 pm _____
- h. 140.0°F _____
- i. 1030 m _____
- j. 1.030 km _____

5. When are digits other than zero significant?

4. When are the zeros in a value not significant?

3. When are zeros significant digits?

2. How many estimated digits are usually in a measurement?

1. What are significant digits?

SIGNIFICANT DIGITS

TRANSPARENCY 2

CHAPTER 3