

Name \_\_\_\_\_

# Learning Significant Figures

## Word Problem (Real-Life Measurements).

1) A thermometer reads 98.60°F. How many significant figures does this measurement have?  <b>4 significant figures.</b>	2) A car travels 150.0 miles before refueling. How many significant figures does this distance have?  <b>4 significant figures.</b>
3) A bottle contains 0.0450 liters of water. How many significant figures does this measurement have?  <b>3 significant figures.</b>	4) The width of a piece of paper is measured as 8.5 inches. How many significant figures does this measurement have?  <b>2 significant figures.</b>
5) A scale shows a weight of 2.30 kg. How many significant figures does this weight have?  <b>3 significant figures.</b>	6) The length of a pencil is 17.00 cm. How many significant figures does this measurement have?  <b>4 significant figures.</b>
7) A stopwatch records a time of 0.00560 seconds. How many significant figures does this time have?  <b>3 significant figures.</b>	8) The height of a building is measured as 105 meters. How many significant figures does this measurement have?  <b>3 significant figures.</b>
9) A laboratory beaker holds 250.0 mL of liquid. How many significant figures does this volume have?  <b>4 significant figures.</b>	10) A car's fuel efficiency is recorded as 22.50 miles per gallon. How many significant figures does this measurement have?  <b>4 significant figures.</b>