

# Estimating Sums and Differences

Estimate each sum or difference.

1.  $5,602 - 2,344$  \_\_\_\_\_ 2.  $7.4 + 3.1 + 9.8$  \_\_\_\_\_

3.  $2,314 + 671$  \_\_\_\_\_ 4.  $54.23 - 2.39$  \_\_\_\_\_

5. **Number Sense** Wesley estimated  $5.82 - 4.21$  to be about 2. Is this an overestimate or an underestimate? Explain.

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6. Estimate the total precipitation in inches and the total number of days with precipitation for Asheville and Wichita.

**Average Yearly Precipitation of U.S. Cities**

City	Inches	Days
Asheville, North Carolina	47.71	124
Wichita, Kansas	28.61	85

7. **Reasonableness** Which numbers should you add to estimate the answer to this problem:  $87,087 + 98,000$ ?

**A**  $88,000 + 98,000$

**C**  $87,000 + 98,000$

**B**  $85,000 + 95,000$

**D**  $80,000 + 90,000$

8. **Explain It** Estimate the total weight of two boxes that weigh 9.4 lb and 62.6 lb using rounding and compatible numbers. Which estimate is closer to the actual total weight? Why?

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