

# Estimate Sums and Differences

**TAKS Objective 1**  
**TEKS 4.1A, 4.5A**

**Solve.**

- 1.** Leticia has 37 fiction books and 23 non-fiction books. Use rounding to estimate how many more fiction than non-fiction books she has.

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- 2.** The Hudson family planted a vegetable garden. They put in 9 tomato plants, 11 broccoli plants, and 8 pepper plants. Use clustering to estimate the number of plants in the Hudsons' garden.

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- 3.** The Jayne family drove their car 19,500 miles the first year they owned it. The next year, they drove the car 18,500 miles. Use compatible numbers to estimate the total number of miles they drove during those 2 years.

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- 4.** The town of Quincy has 31,230 residents. The nearby town of Macon has 12,125 residents. Use compatible numbers to estimate the difference in number of residents for the two towns.

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- 5.** Marquella had a birthday party for 10 friends. The food cost \$64, the beverages cost \$32, the treat bags cost \$47, and the decorations cost \$25. Use rounding to estimate the cost of the party.

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- 6.** Matt recorded the time he spent doing homework in one week. He spent 35 minutes on Monday, 29 minutes on Tuesday, 27 minutes on Wednesday, and 34 minutes on Thursday. He did no homework on Friday. Use clustering to estimate the number of minutes Matt spent doing homework.

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