Problem Solving: Reading for Math
Use an Overestimate or Underestimate

Choose the correct answer.

The Wildlife Committee is selling books to raise $400. The committee makes $8.75 on each book it sells. If the committee sells 50 books, will that be enough to raise $400?

7. How would you use estimation to solve this problem?

   A overestimate the amount made on each book

   B underestimate the amount made on each book

   C underestimate the number of books

8. Which estimate would you use to solve the problem?

   F $9 x 50 = $450

   G $8 x 50 = $400

   H $8 x 40 = $320

Solve.

9. The river tour has 4 boats. Each boat has room for 24 people. Are there enough boats to take 76 people on a tour?

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10. There are 5 groups of 25 students each. The rangers have 150 forest T-shirts. Do they have enough T-shirts to give a T-shirt to each student?

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11. The forest rangers have 5 boxes of wildlife guides. Each box contains 36 pamphlets. The rangers need 200 pamphlets. Should they order another box?

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12. Phyllis takes 118 photos of the desert. She buys a photo album with 24 pages. Each page can hold 6 photos. Can all the photos fit in the album?

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13. The motel in the national park costs $39 per night. Nick sets aside $150 to pay for the motel. Is this enough money to pay for 5 nights?

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14. It costs $89 to rent a sport utility vehicle (SUV) for one day. Will $650 be enough to rent an SUV for a 7-day trip through the desert?

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