Name Date

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Directions: Estimate first and then solve each problem. Explain if your answer is reasonable.

1. On Monday, a farm sold 25,196 pounds of potatoes. On Tuesday, they sold more potatoes. In all, they sold 65,409 pounds of potatoes.  
   1. **ESTIMATE.** About how many pounds of potatoes did the farm sell on Tuesday?
   2. **SOLVE.** Find the precise number of pounds of potatoes sold on Tuesday.
   3. **CHECK REASONABLENESS**. Is your precise answer reasonable?

1. There are two pools. The big pool holds 241,758 gallons of water. The baby pool holds 113,916 gallons of water.



1. **ESTIMATE.** About how many more gallons of water does the big pool hold?
2. **SOLVE.** Find the precise difference between the two pools.
3. **CHECK REASONABLENESS**. Is your precise answer reasonable?
4. Martin’s car had 86,456 miles on it. Of that distance, Martin’s partner drove 24,901 miles. Martin drove the rest.



1. **ESTIMATE.** About how many miles did Martin drive?
2. **SOLVE.** Exactly how many miles did Martin drive?
3. **CHECK REASONABLENESS**. Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.