

# Problem Solving

## Choose a Strategy

### Mixed Applications

### STRATEGIES

- Draw a Diagram
- Guess and Check
- Write an Equation
- Use Estimation
- Use a Formula

Choose a strategy and solve.

1. The Moros have a rectangular swimming pool in the center of their backyard. The backyard is  $60\frac{1}{4}$  ft long and  $32\frac{1}{2}$  ft wide. The pool is 25 ft long and  $12\frac{3}{4}$  ft wide. How many feet does the yard extend beyond each side of the pool?  

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2. Lee needs 32 sections of fencing for the backyard. The fence will be in the shape of a rectangle. If 12 sections are needed for each long side, how many sections are in each width?  

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3. From her home Rhonda jogged 3 blocks north, 4 blocks east, 2 blocks north, 1 block east, 5 blocks south, and 3 blocks west. How many blocks from home was she?  

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4. Clint roped 53 cows this week. This is 9 more than the number of cows he roped last week. How many cows did he rope last week?  

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5. Rick works part-time at a bicycle shop. He worked for  $3\frac{1}{5}$  hr on Monday,  $2\frac{1}{2}$  hr on Tuesday, and  $4\frac{3}{4}$  hr on Wednesday. For about how many hours did he work?  

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6. Jaime gave Fawn \$0.95 in dimes and nickels. There were 5 more dimes than nickels. How many of each coin were there?  

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7. Abdul wants to hang a square poster that measures  $1\frac{1}{2}$  feet on a side in the center of a 12-ft-long wall. How far from the end of the wall should Abdul place the side of the poster?  

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8. Binti saved \$3 this week. Suppose she doubles the amount of her savings each week for the next 4 weeks. What total amount will she save during the 5 weeks?  

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