Name Date

1. Gale makes a miniature stop sign, a regular octagon, with a perimeter of 48 centimeters for the town he built with blocks. What is the length of each side of the stop sign?
2. Travis bends wire to make rectangles. Each rectangle measures 34 inches by 12 inches. What is the total length of the wire needed for two rectangles?
3. The perimeter of a rectangular bathroom is 32 feet. The width of the room is 8 feet. What is the length of the room?
4. Raj uses 6-inch square tiles to make a rectangle, as shown below. What is the perimeter of the rectangle in inches?

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**6 in**

1. Mischa makes a 4-foot by 6-foot rectangular banner. She puts ribbon around the outside edges.   
   The ribbon costs $2 per foot. What is the total cost of the ribbon?
2. Colton buys a roll of wire fencing that is 120 yards long. He uses it to fence in his 18-yard by 24-yard rectangular garden. Will Colton have enough wire fencing left over to fence in a 6-yard by 8-yard rectangular play space for his pet rabbit?