

## Visual Thinking Proportions Homework

For each problem, draw a diagram, write a proportion, and then solve.

1. In a certain town, 16% of the population lives in apartments buildings. If 2,800 people live in apartments, what is the town's population?
2. A telethon for a local charity raised \$45,000. This was 125% of the goal. What was the goal?
3. Sandra sold 40% more Campfire Girls cookies than her sister. Together they sold \$408 worth. How much did each girl sell?
4. A length of string that is 180 cm long is cut into 3 pieces. The second piece is 25% longer than the first, and the third piece is 25% shorter than the first. How long is each piece?