

Problem-Solving Strategy: Write an Equation

1. Legend says that Paul Bunyan, the giant logger, weighed 100 pounds at the age of two weeks. A two-week-old baby boy can weigh 10 pounds and measure 22 inches in length. Based on that, what would Paul's length be?

UNDERSTAND

What facts do you know?

PLAN

What ratios do you know already? What equation can you write?

SOLVE

Write an equation. How will you solve it?

LOOK BACK

Does the ratio seem reasonable? Check your work by comparing the two ratios.

2. Some legends say Paul's frying pan was so big that men would strap bacon fat to their shoes and skate around the griddle to grease it. An iron pan that measures 14 inches in diameter weighs 7 pounds. How heavy might Paul's griddle have been if it had a diameter of 100 yards?
