Solving Equations Strategy #2 and #3 - Visual Models and Inverse Operations

Connect

Jackson's mom is 44, which is four times as old as Jackson. Write an equation that can be used to find Jackson's age. Then, solve the equation to find Jackson's age.

start #1

common sense

expr #1 | express #2

mom's age = 4j

44

j = 11

I do

A board measures 15 meters in length and is cut into two pieces. One piece measures 7.36 meters. What is the length of the other board?

I do

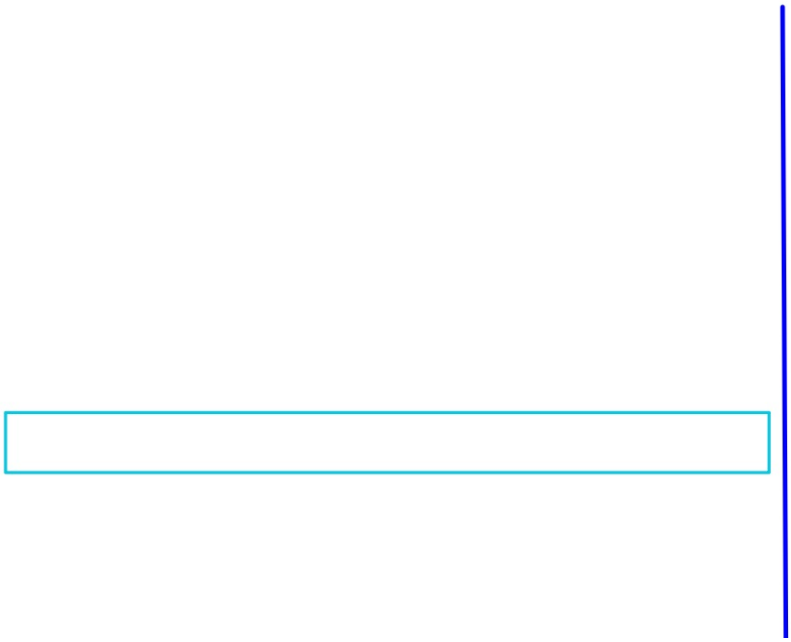
Ben bought 3 sodas for $5.34. How much did each soda cost?

We do

Dr D bikes 11 miles to Stone Mountain. He stops to get water after 7.81 miles. How far left does he have to ride?

We do

Shawn bought a 10-pound turkey to serve for Thanksgiving. He plans on serve each adult coming to dinner 2/5 of a pound. Write and solve and equation for the number of people coming to his dinner.



You do together on whiteboard

Halloween pumpkins cost $3.95 per pound. Stene buys a pumpkin that costs $31.60. Write and solve an equation for the weight of Stene's pumpkin. Use the inverse operation strategy

You do alone on index card

Anna Leaf drives 2.73 miles to the library, then drives to school. Her entire drive was 8.91 miles. Write and solve an equation for the distance from Anna Leaf's library to her school. Use the inverse operation strategy.