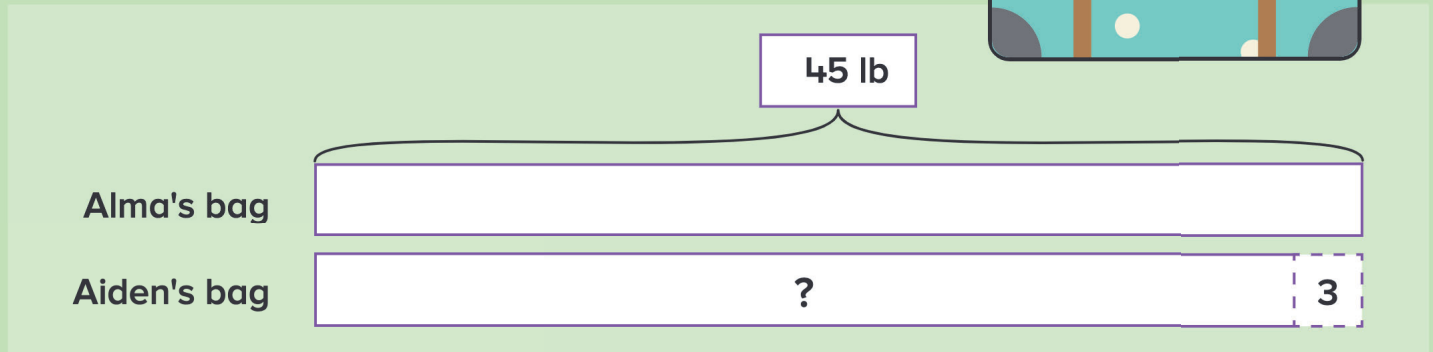


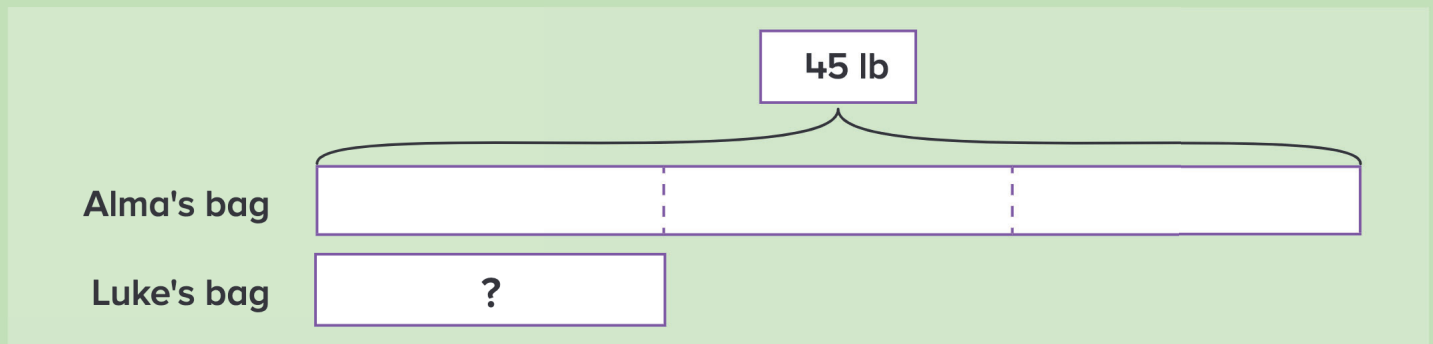
## Step In → Using Strip Diagrams to Make Comparisons Involving Division and Subtraction

This picture shows the weight of Alma's bag.  
Aiden's bag weighs 3 lb less than Alma's.  
How does this diagram match the problem?



What is the weight of Aiden's bag? How do you know?

Look at this diagram. How would you describe the relationship of Luke's bag to Alma's bag?



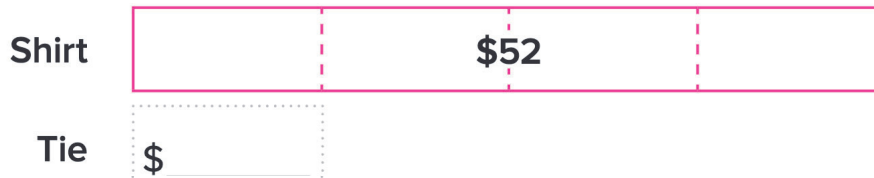
What thinking would you use to figure out the weight of Luke's bag?

Think about the language of **one-third** and **3 less**.  
How are these phrases different?

## Step Up →

- I. Write the number sentence you would use to figure out the answer. Complete the diagram to show your thinking.

A shirt costs \$52. A tie costs one-fourth of the shirt. What is the cost of the tie?



2. Write the number sentence that you would use to figure out each answer. Complete the diagram to show the answer.

- a. Corey scored 96 points. He scored twice as many points as his brother. How many points did his brother score?

Corey

96 points

Brother \_\_\_\_\_

- b. A tiger weighs 385 lb. A lion weighs 90 lb less. How much does the lion weigh?

Tiger

385 lb

Lion \_\_\_\_\_

- c. Devon has \$1,045 in her savings account. She buys a new couch and has \$650 left. What is the cost of the couch?

Savings

\$1,045

Couch \_\_\_\_\_

- d. Diego earned \$95 in one month. He earned five times as much as his sister. How much did his sister earn?

Diego

\$95

Sister \_\_\_\_\_

### Step Ahead

Two friends spent \$40 in total at the movies. The tickets cost three times as much as the snacks.

How much did the tickets cost?

\$