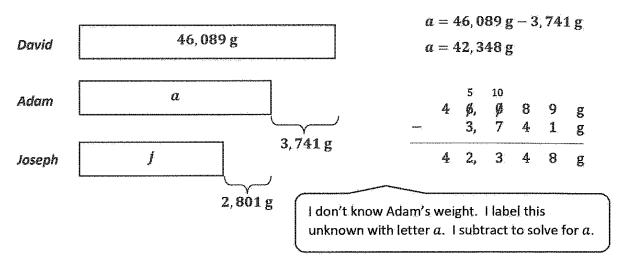
## G4-M2-Lesson 5

1. David weighs 46 kilograms 89 grams. Adam weighs 3,741 grams less than David. Joseph weighs 2,801 grams less than Adam. How much does Joseph weigh?



$$j = 42,348 \text{ g} - 2,801 \text{ g}$$
 $j = 39,547 \text{ g}$ 

11

3 1 13

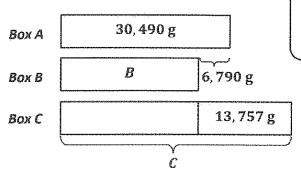
4 2, 3 4 8 g

- 2, 8 0 1 g

3 9, 5 4 7 g

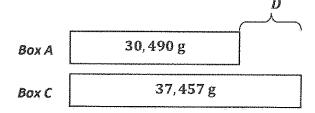
Joseph weighs 39,547 grams.

2. Box A weighs 30 kilograms 490 grams. Box B weighs 6,790 grams less than Box A. Box C weighs 13 kilograms 757 grams more than Box B. What is the difference, in grams, between the weights of Box C and Box A?



I know Box B weighs 6,790 grams less than Box A. I label this part and subtract to solve for "B". Box B weighs 23,700 g.

I know Box C weighs 13,757 grams more than Box B. If Box B weighs 23,700 grams, I can add to find "C". Box C weighs 37,457 g.



I know the weights of Boxes A and C. I can subtract to find the difference, D.

$$D = 37,457 \,\mathrm{g} - 30,490 \,\mathrm{g}$$
$$D = 6,967 \,\mathrm{g}$$

The difference between the weights of Box C and Box A is 6,967 g.