

## Lesson 10-1 → Percent Left Problems

6<sup>th</sup> grade was all about percent as:

$$\frac{\text{PART}}{\text{WHOLE}} = \frac{\%}{100}$$

**For example:** Theo has 8 shirts, 6 of which are short-sleeved. What % is short-sleeved?

$$\frac{\text{PART}}{\text{WHOLE}} = \frac{\%}{100}$$

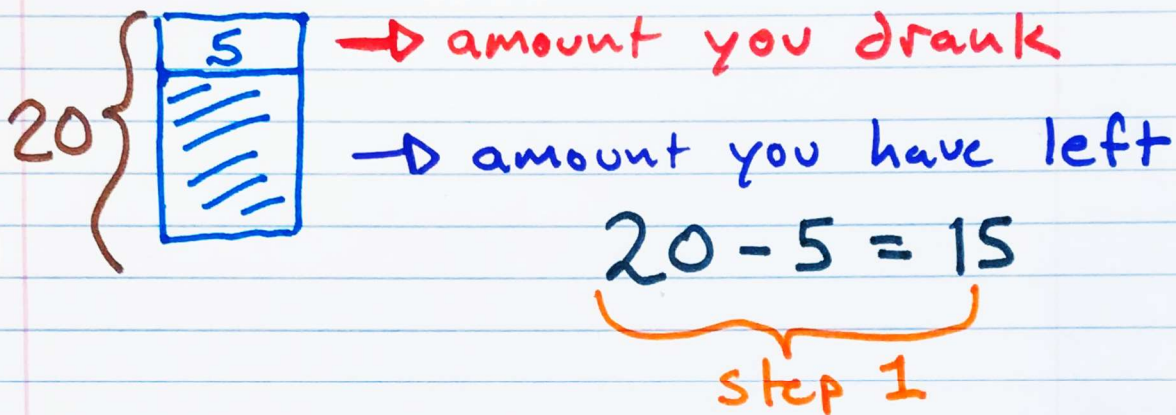
$$\frac{6}{8} = \frac{\quad}{100} \quad \text{cross multiply}$$

$$6 \times 100 \div 8 = 75$$

75% of Theo's shirts are short-sleeved

In 7<sup>th</sup> grade, Percent Problems have 2-steps!

For example: You have a 20-ounce sports drink and drink 5 ounce. What percent do you have left?



Step 2: what percent is left if you have 15 ounces left?

$$\frac{\text{PART}}{\text{WHOLE}} = \frac{\%}{100} \quad \frac{15}{20} = \frac{\quad}{100} \quad \text{Cross Multiply}$$

$$15 \times 100 \div 20 = 75$$

You have 75% of your drink left.