

## STUDENT MATERIALS

## PART 1

Solve the following problems. Please show any work.

1. There are 200 students who have chosen to take a language course in middle school. 48 students are taking French. What percentage of students are taking French?

$$\frac{48}{200} = \frac{12}{50} = \frac{24}{100} = 24\%$$

*(Handwritten work shows a crossed-out division of 200 by 48 and a subtraction problem: 200 - 48 = 152, which is incorrect for this problem.)*

2. An amusement park offers their Gold Season Pass for \$125. Sadie has been offered 15% off. What is the adjusted price for her Gold Season Pass?

$$125 - 15\% = 106.25$$

*(Handwritten work shows a subtraction problem: 125 - 15% = 106.25, which is incorrect for this problem.)*

3. Alia had a coupon for 30% off her meal. She saved \$4.50 by using the coupon. What was the original cost for her meal?

$$4.50 + 30\% = 5.85$$

*(Handwritten work shows an addition problem: 4.50 + 30% = 5.85, which is incorrect for this problem.)*

**PART 2 – MULTI-STEP PROBLEM**

---

Solve the following problem. Please show any work.

Riva goes to the mall with \$80. She spends 25% of her money on a skirt and 30% of the remainder on a shirt. How much money does she have left over for shoes?

$$\begin{array}{r} 80 \\ - 25\% \\ - 30\% = \\ \hline 42 \text{ dollars} \end{array}$$

**PART 3 - REFLECTION**

Write your responses to each of the following reflection questions:

1. As you solved Part 1, what tools and strategies did you use to find the solutions?

I used the top to bottom or the stacking method.

2. As you solved Part 2, did your approach change from Part 1? Why or why not?

Yes Because I used the calculator.

3. How confident are you in your solutions? Why?

Pretty confident because I know how to do it with and without my calculator.