

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?

$$\begin{array}{r} 910 \\ 200 \overline{) 18180} \\ \underline{40} \\ 180 \\ \underline{160} \\ 200 \\ \underline{180} \\ 20 \\ \underline{180} \\ 20 \\ \underline{200} \\ 0 \end{array}$$

$$152\%$$

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?

$$125 \div 15\% = 100$$

$$\boxed{\$100}$$

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?

$$4.50 \div 30\% = \boxed{4.70}$$

$$\boxed{\$4.70}$$

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?

$$80 - 25\% = 16 \quad \begin{array}{r} 80 \\ - 16 \\ \hline 64 \end{array}$$

$$64 - 30\% = 23$$

$$\begin{array}{r} 64 \\ - 23 \\ \hline 41 \end{array}$$

She has \$41 left over for shoes.

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 adding, dividing, and subtracting and a calculator.

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

Some change is that it was only one problem and I only had to use subtracting.

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

I am kind of confident because I think I did pretty good but on some I think I got them wrong.