

MIXED PRACTICE WITH PERCENTS

INTRODUCTION

The West Junior High swim team is hosting a fundraiser to raise money for their spring competition. Donations are given for each lap swam. Use the information below to complete the tasks.

Each swim team member sets a goal for the number of laps they'd like to complete. A team volunteer keeps track of the laps completed on a white board. Use the information from the white board to fill in each swimmer's fundraising status.

NAME	# OF LAPS SWAM	GOAL
Jeanette		60
Marty		56
Emilienne		50

JEANETTE

EQUIVALENT FRACTION

% OF GOAL COMPLETED

EQUIVALENT DECIMAL

MARTY

EQUIVALENT FRACTION

% OF GOAL COMPLETED

EQUIVALENT DECIMAL

EQUIVALENT FRACTION

% OF GOAL COMPLETED

EQUIVALENT DECIMAL



TASK 2:

Read each scenario below and determine if you will need to find the part, the whole, or the percent. Circle the missing information you are solving for and set up a proportion.



The swim team set a fundraising goal of \$15,000. So far, the team has raised 45% of their goal. How much has the team raised so far?

PART/WHOLE/PERCENT

PROPORTION TO SOLVE:

Each swimmer sold snacks as part of the fundraiser. 222 of the 300 snacks were sold. What percent of the snacks were sold at the fundraiser?

PART/WHOLE/PERCENT

PROPORTION TO SOLVE:

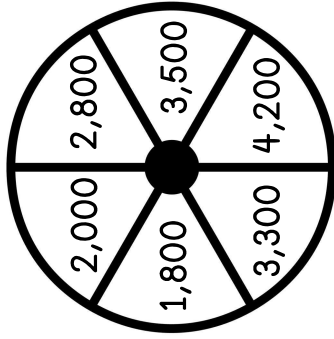
Renee swam 51 laps. She was able to swim 85% of her goal. What was Renee's lap goal for the fundraiser?

PART/WHOLE/PERCENT

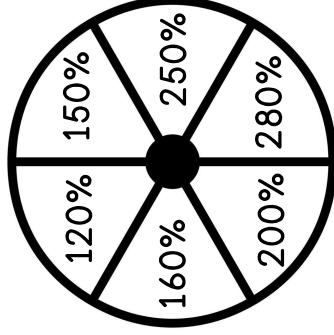
PROPORTION TO SOLVE:

TASK 3:

Use the spinners below to complete the blanks in each scenario. Then solve to determine the solution.



SPINNER 1



SPINNER 2

A A photographer prints an 8x10 team photo. The team would like to get it blown up by $\frac{\hspace{1.5cm}}{\hspace{1.5cm}}$ in order to display it in the trophy case. What will be the new dimensions of the photo?

B The team captain calculated that each team member swam an average of $\frac{\hspace{1.5cm}}{\hspace{1.5cm}}$ yards during practice in 2019. In 2020, the captain would like to increase that distance $\frac{\hspace{1.5cm}}{\hspace{1.5cm}}$. How many yards will the team members swim each practice?

C Coach Hang announces that the fundraiser raised $\frac{\hspace{1.5cm}}{\hspace{1.5cm}}$ dollars last year. This year, they raised $\frac{\hspace{1.5cm}}{\hspace{1.5cm}}$ of last year. How much money did the team fundraise this year?



TASK 4:

Using your knowledge of percent problems, set up a proportion and solve the problems below.

A Mr. Howes donated \$450 to the West Junior High swim team. This was 8% of the total money donated during the fundraiser. What was the total amount donated at the swim team fundraiser?

SET UP

SOLVE

B Before the fundraiser, 22 of the swim team members practiced to prepare, while 8 of the swim team members did not prepare for the fundraiser. What percent of the swim team members prepared for the fundraiser?

SET UP

SOLVE

C 75 family and community members attended the fundraiser. Of these 75 people, 68% bought a snack from the snack stand. How many of the family and community members bought snacks?

SET UP

SOLVE

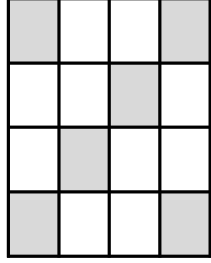
MIXED PRACTICE WITH PERCENTS

Students were asked to create true statements about percents. Circle the names of the students who correctly completed the task. Then unscramble the underlined letters of the circled names to answer the riddle at the bottom.

TARA

$$188\% > \frac{37}{20}$$

STONE

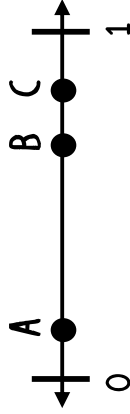


The shaded portion represents 37.5%

MATEO

$\frac{1}{3}$ and 33% are equal

RORY



B is the best representation of 60%

DELLA

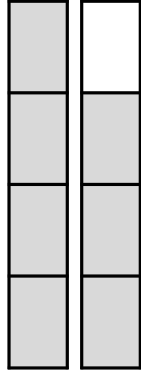
50% is greater than 0.55 but less than 0.05

HAYDEN



A can be represented by both $1\frac{1}{4}$ and 150%

DAMIAN

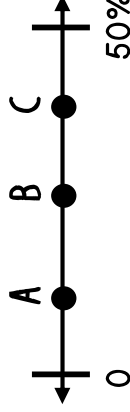


The shaded portion represents 175%

MAALIK

$$1.125 < 132\%$$

ADRIANA



If B is 25%, then A is 12.5%

WHAT DO YOU CALL A NUMBER THAT CAN'T STAY IN PLACE?

A _____ NUMERAL