

Name: \_\_\_\_\_ HR: \_\_\_\_\_ Due Date: \_\_\_\_\_

## PANCAKE PROBLEMS

Marisol likes toppings on her pancakes. She has three choices of pancakes: buttermilk, old-fashioned, or original and three choices of toppings: syrup, jam, or whipped cream. How many different combinations of 1 type of pancake and 1 type of topping can Marisol make? Draw a picture (or chart) of the possible solutions. Add another topping (chocolate chips). Now how many different combinations can Marisol make of 1 type of pancake and 1 type of topping?

Marisol took a survey of her 35 classmates. In the survey 21 students voted for chocolate chip pancakes as their favorite, and 19 voted for blueberry pancakes as their favorite. How many students voted for both? Show your work in how you found the answer.

