

Addition and Subtraction Bar Modeling Skill Sheet

1. Vocabulary

sum – the answer to an addition problem

$$453 + 929 = 1,382$$

sum

addends - the numbers being added together

$$5 + 3 + 2 = 10$$

addends

difference – the amount left over when one number is subtracted from another

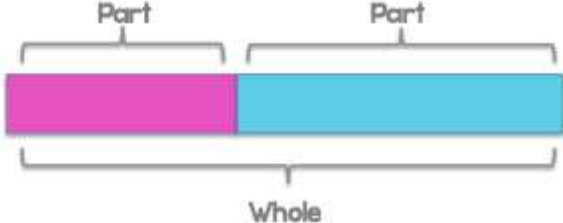
$$289 - 146 = 143$$

difference

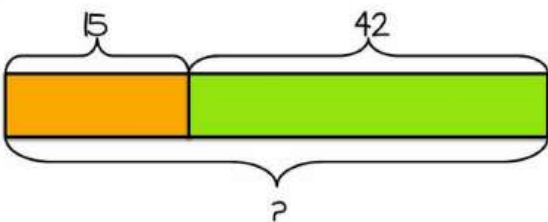
2. Solve addition and subtraction problems using the part-whole bar model method.

This method is used to find the whole when given the parts OR to find the parts when given the whole.

Part/Part Whole Problems



addition/subtraction
Part-Whole Bar Model



★ Mrs. Jones buys a cake for \$15 and has \$42 left. How much money did Mrs. Jones have at first?

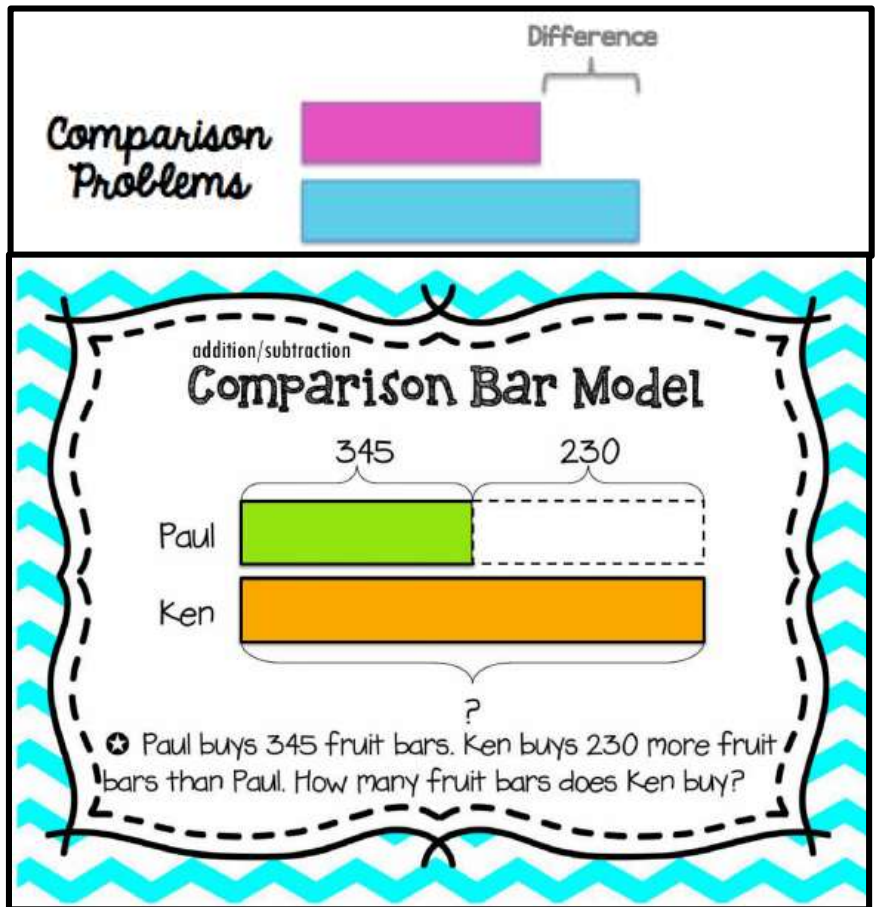
For example:

$$\begin{array}{ccc} \$15 & + & \$42 & = & \$57 \\ \swarrow & & \nearrow & & \uparrow \\ \text{part} & & \text{part} & & \text{whole} \end{array}$$

Mrs. Jones had \$57 when she first went to buy the cake.

3. Solve addition and subtraction problems using the comparison bar model method.

This method is used to compare two or more amounts with each other.



For example:

$$345 + 230 = 575$$

Ken buys a total of 575 fruit bars.

Want practice problems? Go to:

http://www.mathplayground.com/tb_addition/thinking_blocks_addition_subtraction.html

***These are the basic understandings that your child should be learning in Chapter 3. However, they will need to apply these skills to more challenging problems.*