

SUBTRACTION USING SHOPKEEPER'S ADDITION

Name:

Date:

Use **rods** and **number lines** to answer these questions. Below is an example.

Example:

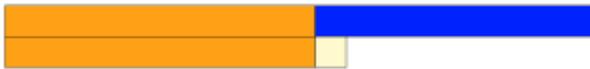
$$19 - 11 =$$

Rewrite the subtraction as a missing number addition problem.

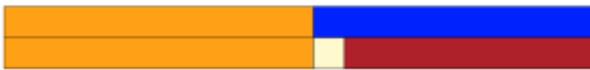
What do I need to add to 11 to get to 19?

$$11 + ? = 19$$

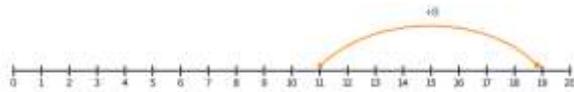
Model the problem using Cuisenaire rods.



Nine is one and eight. I need to add eight to 11 to get to 19.



Record the problem on a number line.



Write the equation.

$$11 + 8 = 19$$

Or, $19 - 11 = 8$.

| | | |
|-------------|-------------|-------------|
| $10 - 7 =$ | $15 - 6 =$ | $16 - 7 =$ |
| $14 - 6 =$ | $20 - 12 =$ | $13 - 6 =$ |
| $17 - 13 =$ | $18 - 7 =$ | $15 - 11 =$ |
| $16 - 9 =$ | $12 - 5 =$ | $13 - 4 =$ |
| $13 - 5 =$ | $14 - 11 =$ | $12 - 7 =$ |