## Lesson 8: Equations on a Number Line

* Let’s write equations and represent them on a number line.

### 8.1: Represent Equations

Represent each equation on the number line.

1. $15+7=22$
* 
1. $18−6=12$
* 
1. $46+7=53$
* 
1. $33−9=24$
* 



### 8.2: Write Equations

For each number line, write an equation that matches the diagram.

1. Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 
1. Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 
1. Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 
1. Equation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 
1. Compare your equations with your partner.
2. Pick the 2 number lines you think are most alike. Explain your choice to your partner.



© CC BY 2021 Illustrative Mathematics®