Grade 2  
Unit 4Lesson 10CC BY NC 2024 Illustrative Mathematics®

Unit 4, Lesson 10

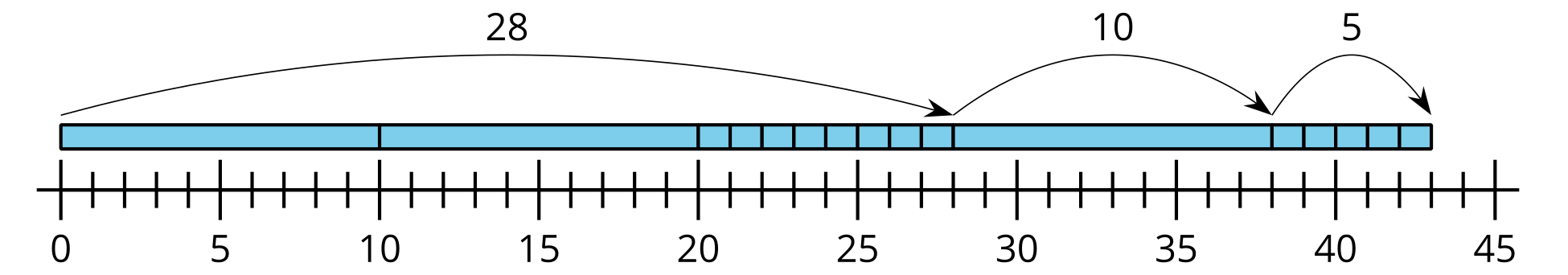
# Place Value and the Number Line

* Let’s compare methods using the number line.

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## Warm-upNotice and Wonder: Base-Ten and the Number Line

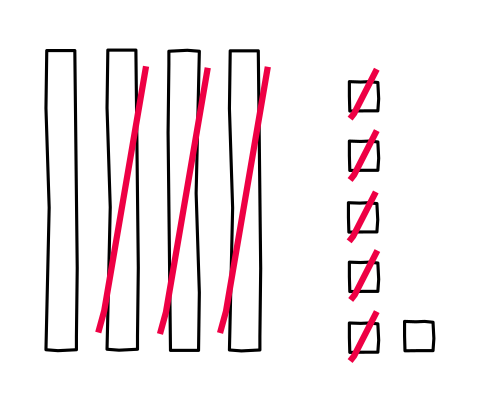
What do you notice? What do you wonder?



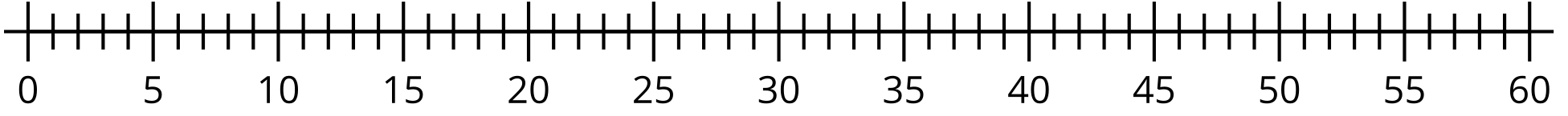
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## Activity 1 Compare Representations

Clare subtracts and represents her work with a base-ten diagram.



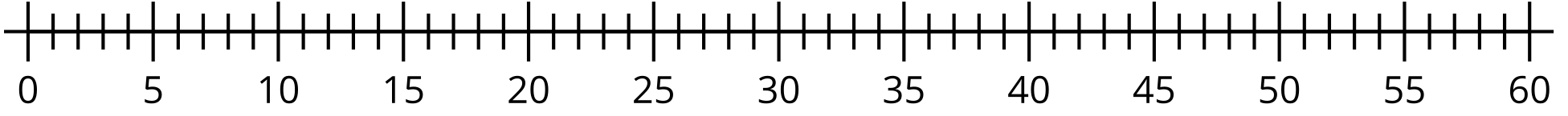
1. Write an equation to represent Clare’s work.
2. Represent Clare’s method on the number line.

* 

1. Find the value of .

* Show your thinking using a base-ten diagram.

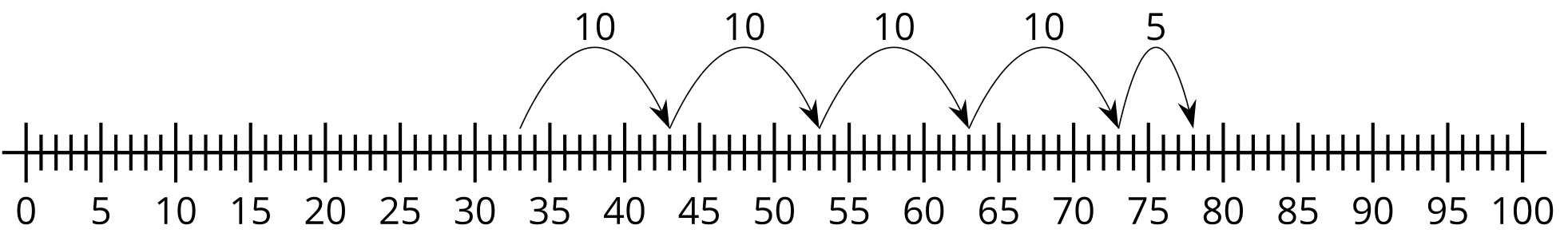
1. Represent how you found the value of on the number line.

* 

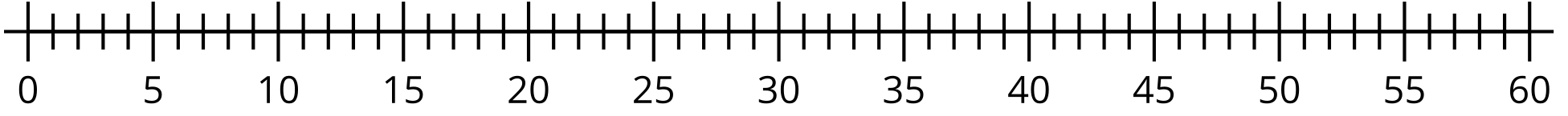
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## Activity 2On the Number Line

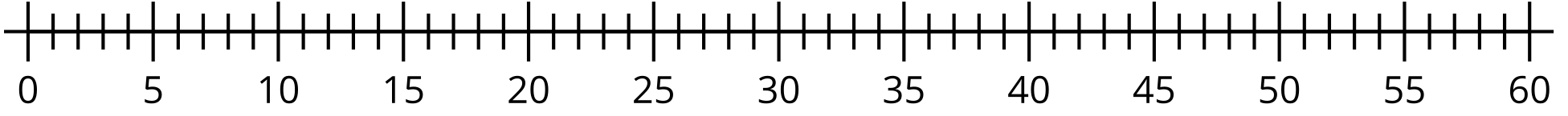
Diego finds the value of . He says he can count on by tens, then by ones. He uses a number line to show what he means.



1. Write an equation to show the sum for Diego’s work.
2. Find the value of .

* Show your thinking using the number line.
* 

1. Find the value of .

* Show your thinking using the number line.
* 

1. Find the value of .

* Show your thinking using the number line.
* 