Unit 4, Lesson 10

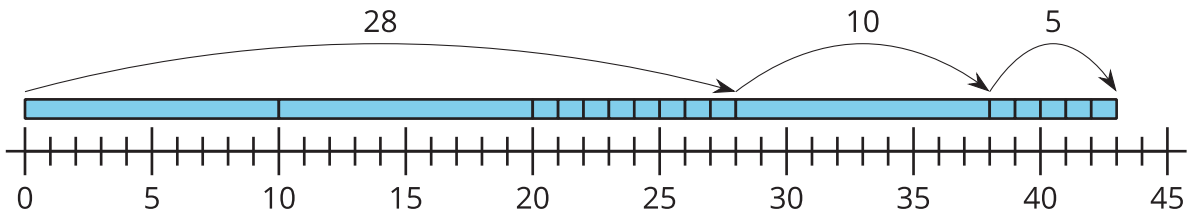
Place Value and the Number Line

Let's compare methods using the number line.

Warm-up

Notice and Wonder: Base-Ten and the Number Line

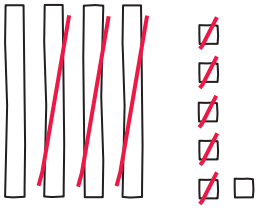
What do you notice? What do you wonder?



Activity 1

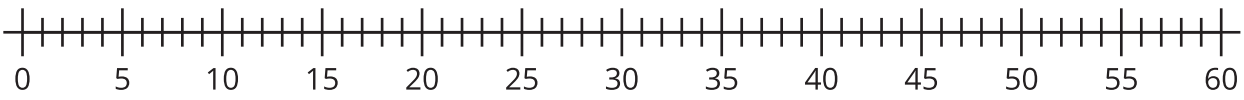
Compare Representations

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



1. Write an equation to represent Clare's work.

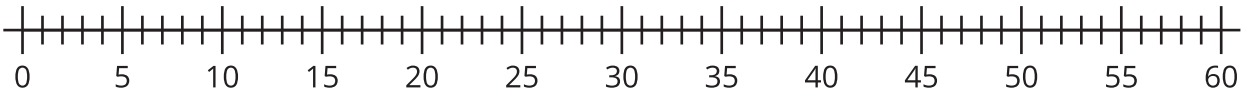
2. Represent Clare's method on the number line.



3. Find the value of $58 - 24$.

   Show your thinking using a base-ten diagram.

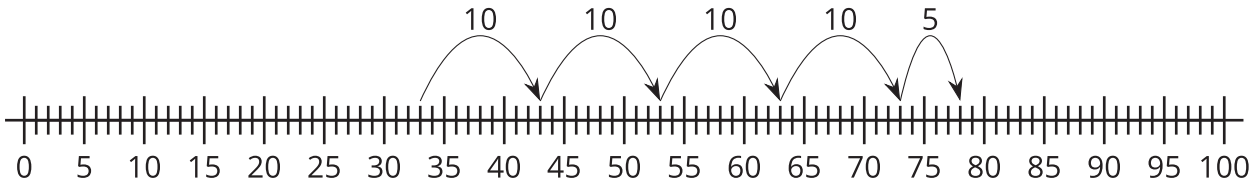
4. Represent how you found the value of $58 - 24$ on the number line.



Activity 2

On the Number Line

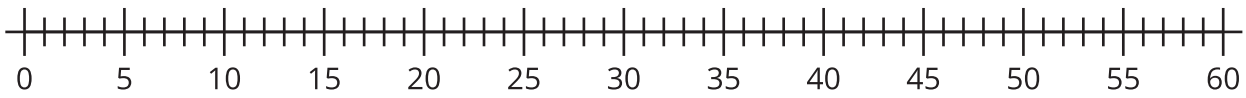
Diego finds the value of $33 + 45$. He says he can count on by tens, then by ones. He uses a number line to show what he means.



1. Write an equation to show the sum for Diego's work.

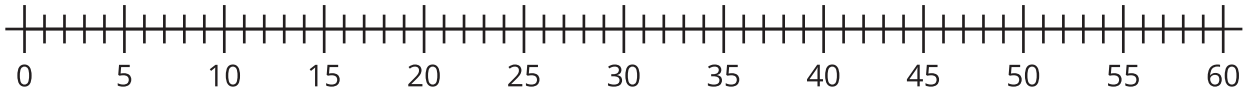
2. Find the value of $23 + 24$.

   Show your thinking using the number line.



3. Find the value of $50 - 32$.

   Show your thinking using the number line.



4. Find the value of $40 - 26$.

   Show your thinking using the number line.

