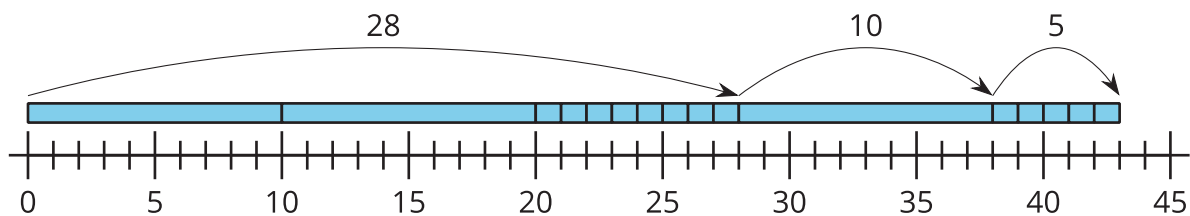# Place Value and the Number Line

Let's compare methods using the number line.

Warm-up

Notice and Wonder: Base-Ten and the Number Line
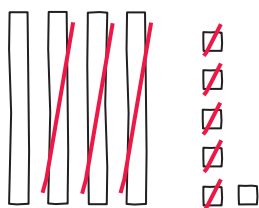
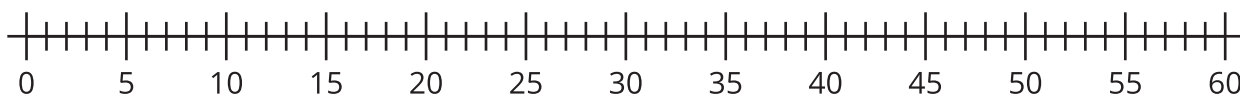What do you notice? What do you wonder?

Compare Representations

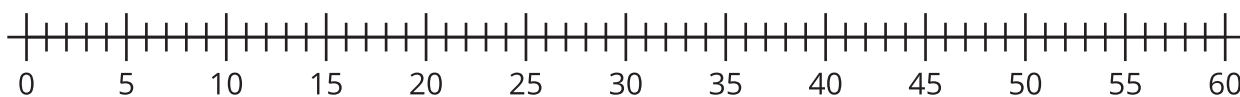Clare subtracts and represents her work with a base-ten diagram.

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

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

3. Find the value of $58 - 24$.
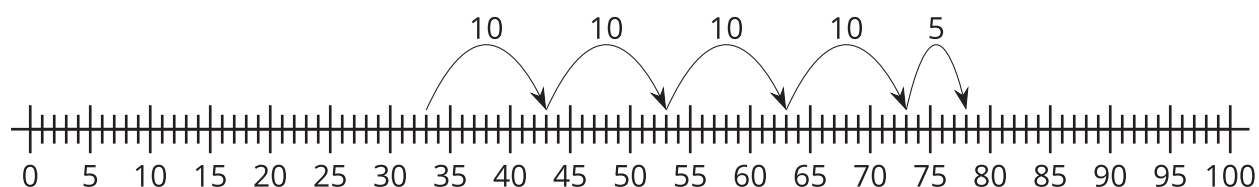
   Show your thinking using a base-ten diagram.

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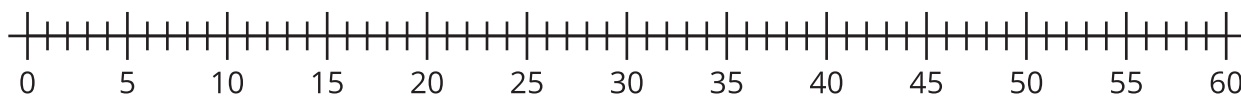
On the Number Line

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.

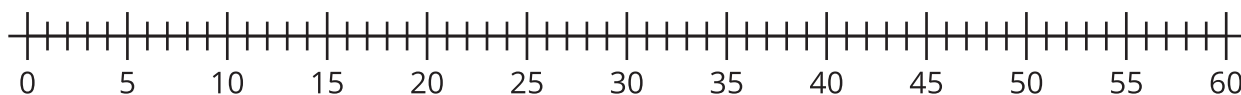1. Write an equation to show the sum for Diego's work.

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.

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   0    5    10   15   20   25   30   35   40   45   50   55   60
   ```

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

   Show your thinking using the number line.

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   0    5    10   15   20   25   30   35   40   45   50   55   60
   ```