

Name _____

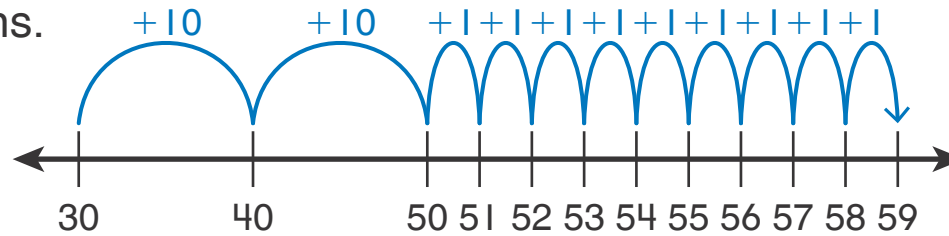


Homework & Practice 10-4

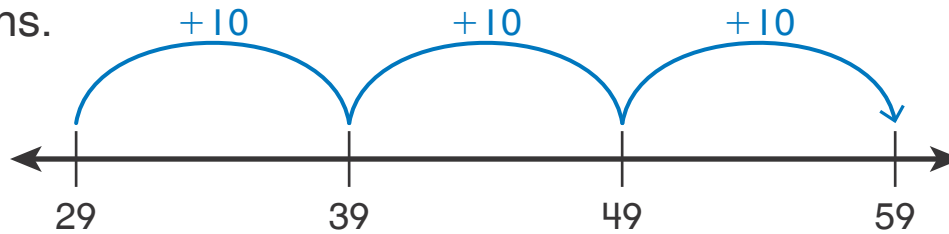
Add Tens and Ones Using an Open Number Line

Another Look! Solve addition problems on number lines using different strategies. Show $30 + 29$ on a number line.

Start with 30. Add tens.
Then add ones.



Start with 29. Add tens.





It's better to start with the number that makes it easier to add on the number line.

$$30 + 29 = \underline{59}$$

HOME ACTIVITY Draw a blank number line on a piece of paper. Give your child an addition equation involving a two-digit number and a one-digit number and ask him or her to add the equation using the number line.

Add using the number lines.

1. 
 $80 + 18 = \underline{\quad}$

2. 
 $60 + 24 = \underline{\quad}$

Count on to add. Show your work on the number lines.

3. Count on by 1s to solve $42 + 7$.



$$42 + 7 = \underline{\quad}$$

4. Count on by 5s to solve $20 + 25$.



$$20 + 25 = \underline{\quad}$$

5. **Higher Order Thinking** Why isn't counting on by 1 the fastest way to add $20 + 26$ on a number line?

6.  **Assessment** Solve $42 + 30$ on an open number line. Show your work.



$$42 + 30 = \underline{\quad}$$