

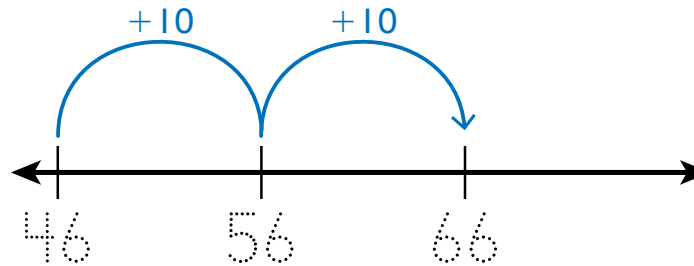
Homework & Practice 3-3

Add Tens and Ones on an Open Number Line

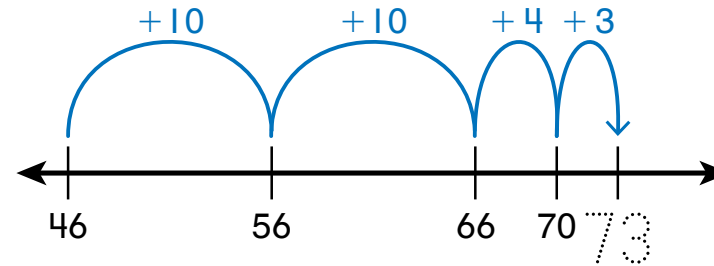
Another Look! You can add two-digit numbers by counting on an open number line. $46 + 27 = ?$

Place 46 on an open number line.

Count on 2 tens from 46.



Count on 7 ones from 66.



So, $46 + 27 = 73$.

I can use this strategy to add any numbers.



HOME ACTIVITY Ask your child to show how he or she would find $28 + 13$ using an open number line.

Use an open number line to find each sum.

1. $34 + 25 = \underline{\hspace{2cm}}$



2. $57 + 18 = \underline{\hspace{2cm}}$



Use an open number line to solve each problem.

3. **MP.5 Use Tools** Jimmy sees 10 baby sea turtles on the shore. He then sees 23 more baby sea turtles. How many sea turtles does Jimmy see in all?



_____ sea turtles

4. **MP.5 Use Tools** Ebony has 45 beads. Ivory gives her 26 more beads. How many beads does Ebony have in all?



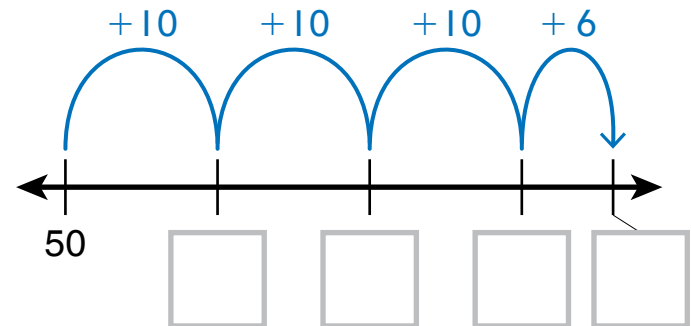
_____ beads

5. **Higher Order Thinking** Bill has 58 crayons. Steve gives him 10 more crayons and Mika gives him 14 more crayons. How many crayons does Bill have in all?



_____ crayons

6. **Assessment** Use the numbers on the cards. Write the missing numbers under the number line to show how to find the sum.



$50 + 36 = \underline{\quad}$

An open number line can show more than two addends.

