

Name \_\_\_\_\_

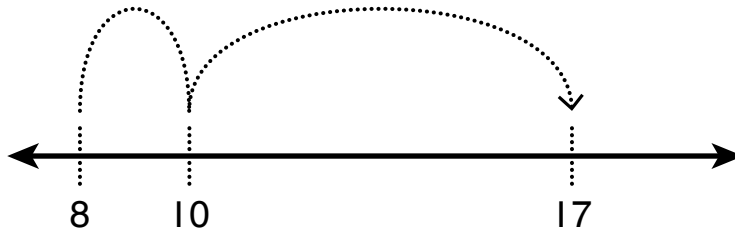


## Homework & Practice 3-2

### Count On to Add Using an Open Number Line

**Another Look!** You can count on to solve addition problems using an open number line.

$$8 + 9 = ?$$



Start at 8 and count on 9 more.

$$8 + 9 = \underline{17}$$

**HOME ACTIVITY** Draw an open number line. Give your child an addition fact, such as  $6 + 8$ . Ask, "Which number can you put at the beginning of the number line?" Have him or her show 2 different ways to add 8 to 6. Repeat with different addition facts.



Use the open number line to solve the problems.  
Show your work.

1.  $8 + 4 = \underline{\quad}$



2.  $8 + 7 = \underline{\quad}$



Use an open number line to solve the problems.

3. Laura reads 8 pages on Monday. She reads 6 pages on Tuesday. How many pages did Laura read in all?

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

\_\_\_\_\_ pages



How many pages did Laura read on both Monday and Tuesday?

4. Andy scores 6 goals in the first half of his soccer season. He scores 7 goals in the second half of the season. How many goals did Andy score in all during the season?

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

\_\_\_\_\_ goals

5. **Higher Order Thinking** Sam has 9 stamps in his collection. He gets some more. Now he has 18 stamps. How many more stamps did Sam get? Use words or pictures to show how you know.

6. **Assessment** Solve the equation. Show your work on the open number line below.

$$5 + 7 = \underline{\quad}$$

