

Name \_\_\_\_\_

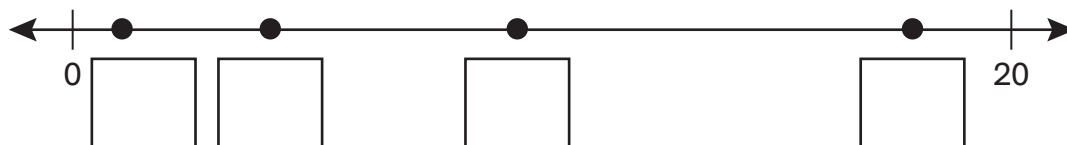
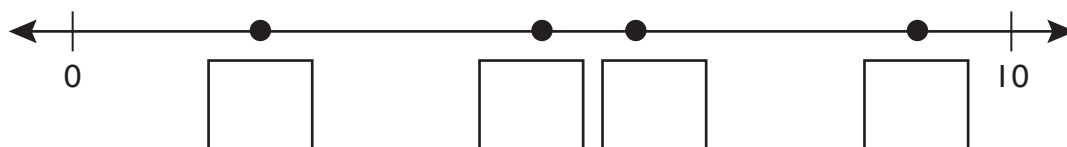
## Locate Numbers on a Number Line

**Learning Target:** Locate positions of numbers on a number line.



### Explore and Grow

Match the given numbers with their positions on the number line. Tell how you chose the positions.



How do numbers to the right on a number line compare to numbers on the left?



## Think and Grow

An **open number line** is a number line with no marks.



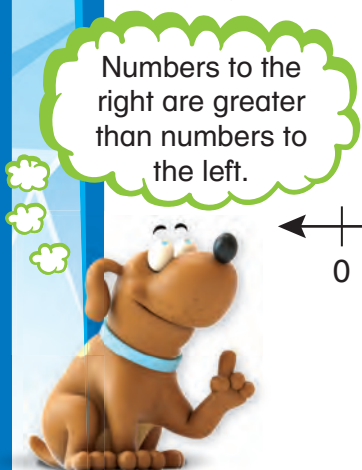
Numbers to the right are greater than numbers to the left.

The number line below starts at 0 and ends at 10. Locate 5 and 8.



5 is halfway between 0 and 10.

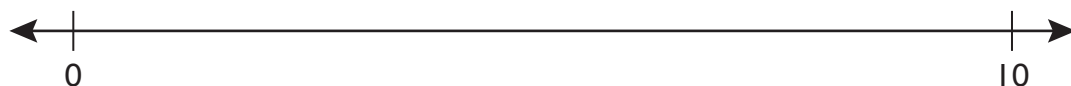
8 is between 5 and 10, and closer to 10.



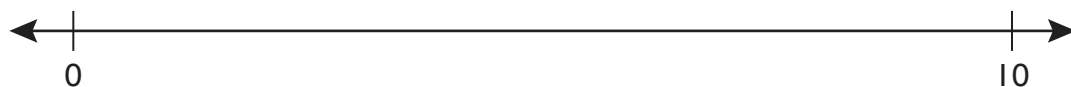
## Show and Grow

Locate the given number or numbers on the number line.

1. 4



2. 2, 9



3. 6, 9



Name \_\_\_\_\_



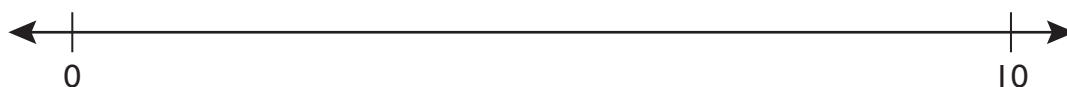
## Apply and Grow: Practice

Locate the given number or numbers on the number line.

4. 6



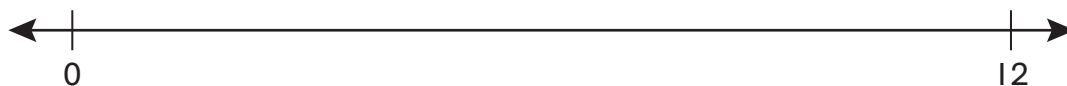
5. 1, 7



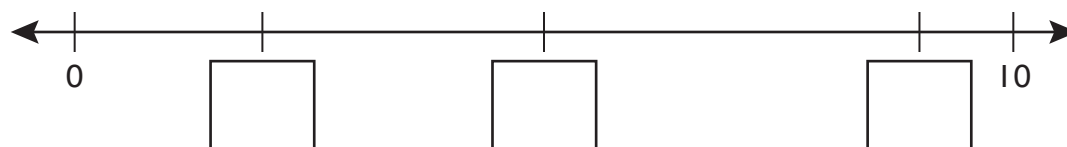
6. 3, 5



7. 3, 6, 9



8. **MP Precision** Write the missing numbers on the number line.

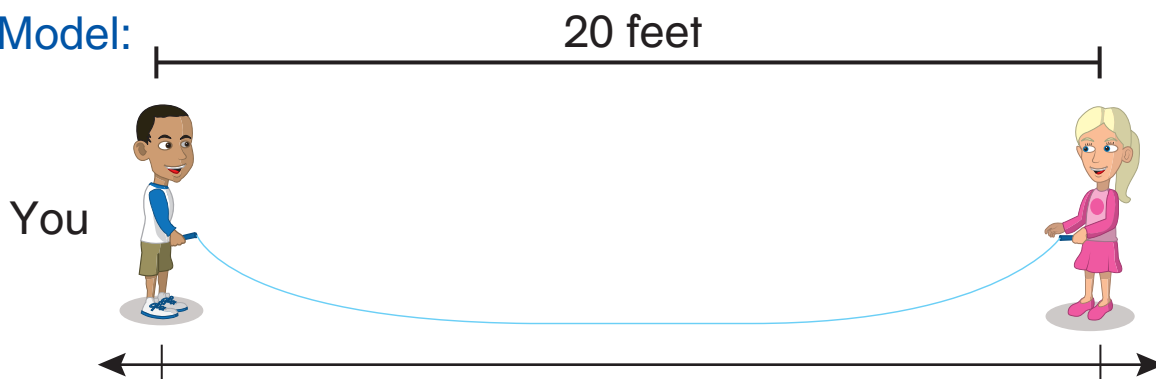




## Think and Grow: Modeling Real Life

You and your friend are 20 feet apart turning a long jump rope. There are 3 jumpers. One jumper is 7 feet away from you, another is 10 feet away from you, and another is 12 feet away from you. Show the positions of the jumpers.

Model:

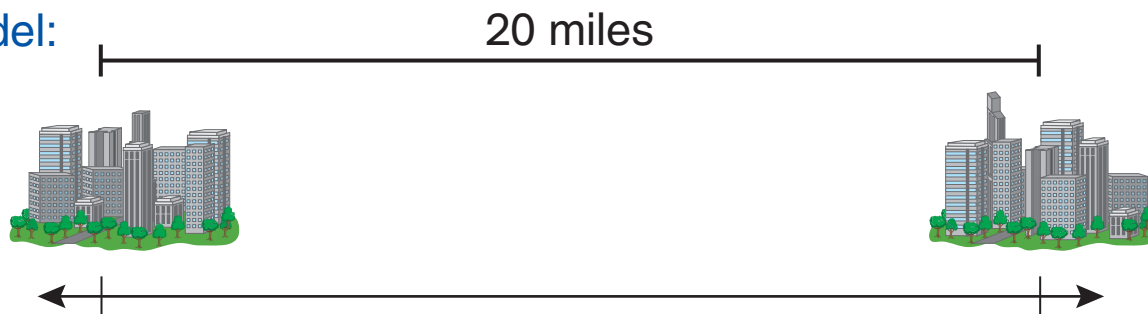


## Show and Grow

9. Two cities are 20 miles apart. A highway passes through the cities. There are exits at the 6-mile mark, 14-mile mark, and 18-mile mark between the cities. Show the positions of the exits.

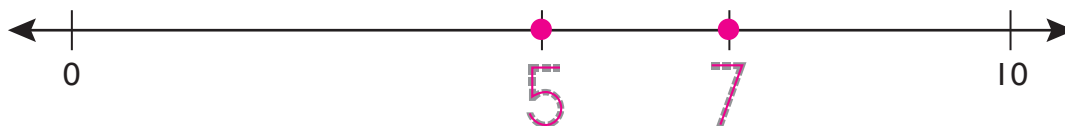


Model:



**Learning Target:** Locate positions of numbers on a number line.

Locate 5 and 7 on the number line.



5 is halfway  
between  
0 and 10.

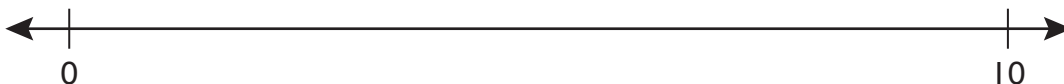
7 is between  
5 and 10, and  
closer to 5.

Locate the given number or numbers on the number line.

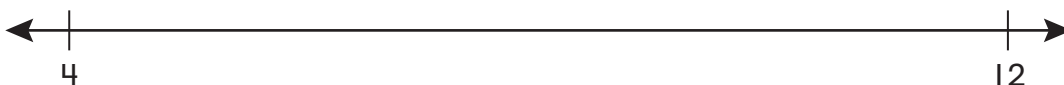
1. 1



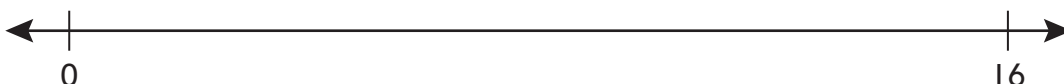
2. 3, 5



3. 6, 10



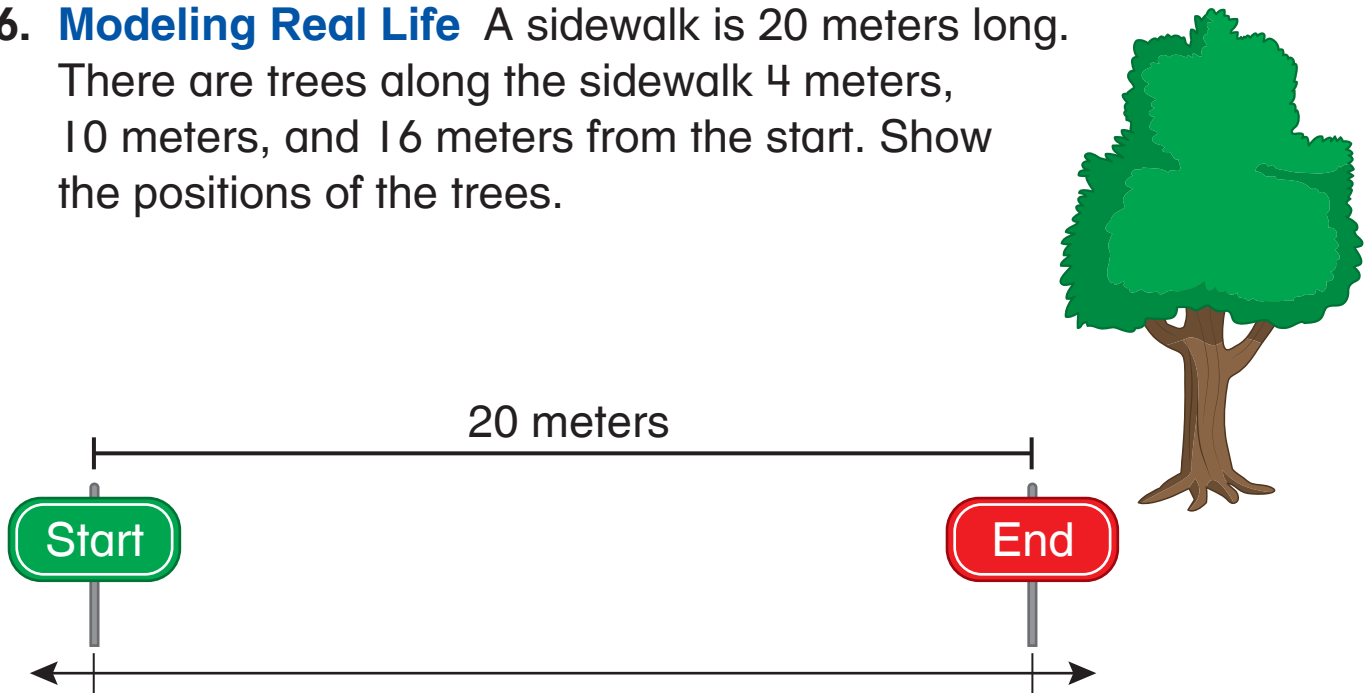
4. 4, 8, 12



5. **MP Reasoning** Locate one number that is less than 10, and one number that is greater than 10 on the number line.



6. **Modeling Real Life** A sidewalk is 20 meters long. There are trees along the sidewalk 4 meters, 10 meters, and 16 meters from the start. Show the positions of the trees.



### Review & Refresh

7. Write the numbers of apples and bananas. Circle the number that is greater than the other number.

