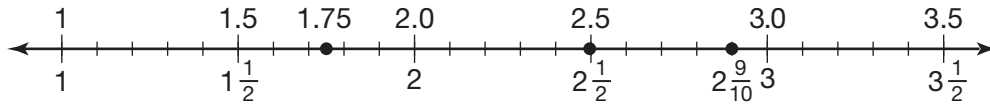


Mixed Numbers and Decimals on the Number Line

Compare $2\frac{1}{2}$, 1.75, and $2\frac{9}{10}$ on a number line.

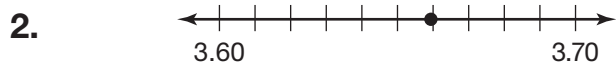


$2\frac{1}{2}$ is halfway between 2 and 3. 1.75 is halfway between 1.5 and 2.

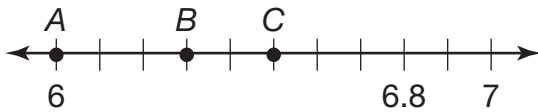
$2\frac{9}{10}$ is just to the left of 3.0, or 3.

Remember that on a number line the numbers increase when moving from left to right.

Name the decimal that should be written at each point.



For Exercises 3–8, use the two number lines below. What point shows the location of each number?



3. 6.3

4. 6.5

5. 6.0



6. 1.64

7. 1.70

8. $1\frac{62}{100}$

Show each set of numbers on a number line.

9. $\frac{1}{2}$, $1\frac{3}{4}$, 2.2

10. $2\frac{1}{4}$, 2.3, 0.4

