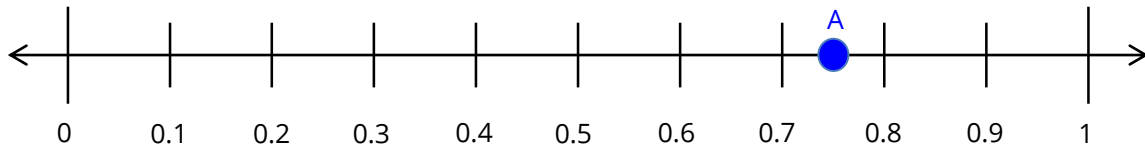


## Possible Solutions

There are 10 equal sections between 0 and 1 on the number line. That means that each tick mark on the line represents 0.1 of the line. Point A appears to be halfway between 0.7 and 0.8. Therefore, a reasonable choice for point A would be 0.75.



To verify the choice, make a “zoomed in” version of the number line that just looks at the part from 0.7 to 0.8. Each new tick mark represents 0.1 of the distance from 0.7 to 0.8. If we tried to do the same thing on the original number line, we would have needed 100 tick marks from 0 to 1, and there just wasn't room to show them all. Since point A was about halfway between 0.7 and 0.8, it makes sense to say the point is on 0.75.

