

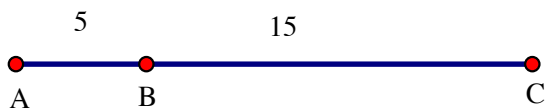
Segment Addition Postulate

Sum of the parts equal the whole.

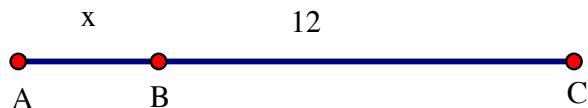
$$AB + BC = AC$$



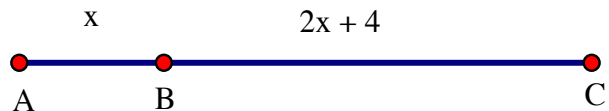
1. Find AC



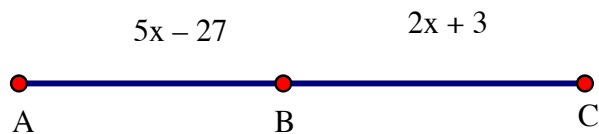
2. Find AB if AC = 15



3. Find AB and BC if AC = 25



4. Find AB if B is the midpoint of line segment AC



5. Find the value of x and AC

