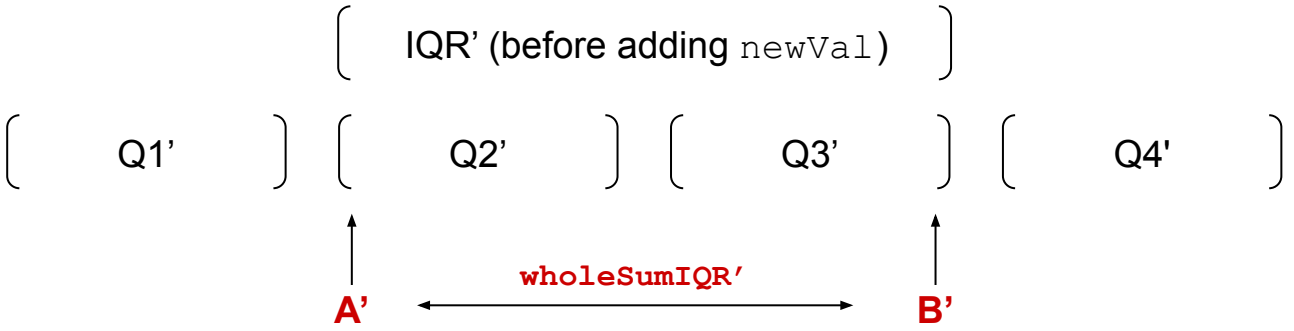
Strategy: Maintain a running "wholeSumIQR", by tracking changes to the endpoints of the IQR (A & B), and whether newVal got inserted into the IQR

Note: "wholeSumIQR" is before any weighting of endpoints




```
public int idxA;   // index to first item of the IQR
public int valA;   // value before any weighting applied
public int idxB;   // index to last item of the IQR
public int valB;   // value before any weighting applied
public long wholeSumIQR = 0;    // sum before any weighting
applied
```

Only 3 things can change "**wholeSumIQR**":

1) "**A**" could move up one (higher) or down one (lower):
   - If "A" moved up one, then "wholeSumIQR'" needs to have "valA'" subtracted
   - If "A" moved down one, then "wholeSumIQR" needs to have value added for item just prior to "idxA'" (which should be at "idxA''")
2) "**B**" could move up one (higher) or down one (lower):
   - If "B" moved up one, then "wholeSumIQR" needs to have value added for item just after "idxB'" (which should be at "idxB''")
   - If "B" moved down one, then "wholeSumIQR" needs to have "valB'" subtracted
3) "**newVal**" could have been inserted into the IQR
   - If "newVal" was inserted into the IQR, then "wholeSumIQR" needs to have "newVal" added