Changes in mean, median, mode, and range

1. From this set of 10 numbers, 
   \[3, 6, 2, 2, 5, 4, 10, 10, 2, 1\]
   How will the mean change if the number 5 were removed from the set
   - [ ] Increase
   - [ ] Decrease
   - [ ] No change

2. From this set of numbers, 
   \[30, 10, 35, 40, 50, 45\]
   How will the median change if the number 20 were added to the set
   - [ ] Increase
   - [ ] Decrease
   - [ ] No change

3. From this set of 6 numbers, 
   \[6, 12, 3, 7, 15, 12\]
   How much will the range change if the number 13 replaced one of the 12’s in the set
   - [ ] Increase
   - [ ] Decrease
   - [ ] No change

4. From this set of 7 numbers, 
   \[10, 20, 30, 40, 40, 50, 60\]
   How much will the mode change if the number 40 were added to the set of 7 numbers
   - [ ] Increase
   - [ ] Decrease
   - [ ] No change
Changes in mean, median, mode, and range

1. From this set of 10 numbers,
   \[ (3, 6, 2, 2, 5, 4, 10, 10, 2, 1) \]
   How will the mean change if the number 5 were removed from the set
   - [ ] Increase
   - [x] Decrease
   - [ ] No change

2. From this set of numbers,
   \[ (30, 10, 35, 40, 50, 45) \]
   How will the median change if the number 20 were added to the set
   - [ ] Increase
   - [x] Decrease
   - [ ] No change

3. From this set of 6 numbers,
   \[ (6, 12, 3, 7, 15, 12) \]
   How much will the range change if the number 13 replaced one of the 12’s in the set
   - [ ] Increase
   - [ ] Decrease
   - [x] No change

4. From this set of 7 numbers,
   \[ (10, 20, 30, 40, 40, 50, 60) \]
   How much will the mode change if the number 40 were added to the set of 7 numbers
   - [ ] Increase
   - [ ] Decrease
   - [x] No change