Name: ....   Class: ....
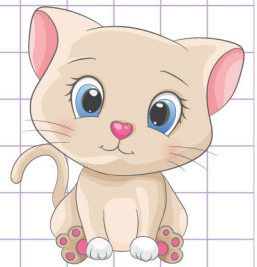
Changes in mean, median, mode, and range

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

mathskills4kids

Name: .... Class: ....

Changes in mean, median, mode, and range

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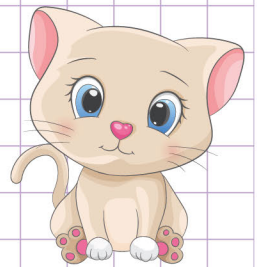How will the mean change if the number **5** were **removed** from the set

☐ Increase   ✓ Decrease   ☐ No change

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How much will the mode change if the number **40** were **Added** to the set of 7 numbers

☐ Increase   ☐ Decrease   ✓ No change