Name _____



Outlier Impact

Directions: Find the mean before and after the outlier is added. Then describe how the mean changes.

1. Original data: 8, 10, 10, 12
   Add outlier: 20
   Mean before: _____
   Mean after: _____
   Change: _____

2. Original data: 14, 16, 16, 18
   Add outlier: 6
   Mean before: _____
   Mean after: _____
   Change: _____

3. Original data: 18, 20, 20, 22
   Add outlier: 30
   Mean before: _____
   Mean after: _____
   Change: _____

4. Original data: 24, 26, 26, 28
   Add outlier: 16
   Mean before: _____
   Mean after: _____
   Change: _____

5. Original data: 30, 32, 32, 34
   Add outlier: 42
   Mean before: _____
   Mean after: _____
   Change: _____

6. Original data: 38, 40, 40, 42
   Add outlier: 30
   Mean before: _____
   Mean after: _____
   Change: _____

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