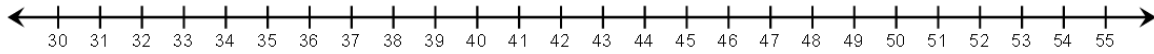# Making a Box-and-Whisker

Int 1   **Unit 10**

Use the following numbers to answer questions #1 – 6.
    51, 41, 46, 30, 34, 38, 54, 39, 50, 43, 33, 31, 47

```
←─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──→
   30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55
```

1. Minimum _____   2. Maximum _____   3. Median _____

4. 1st Quartile (lower) _____   5.   3rd Quartile (upper) _____

6.   Interquartile Range _____

- -

Use the following numbers to answer questions #7 – 12.
    14, 18, 12, 10, 19, 28, 24, 17, 27, 30, 32, 25

```
←─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──→
   8   9   10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35
```

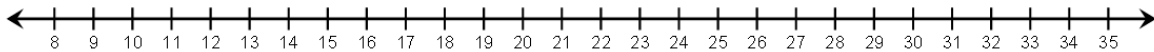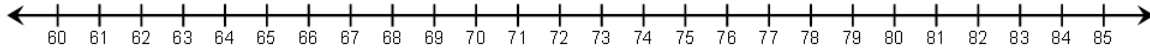7. Minimum _____   8. Maximum _____   9. Median _____

10. 1st Quartile (lower) _____   11.   3rd Quartile (upper) _____

12.   Interquartile Range _____

Use the following numbers to answer questions #13 – 18.
     75, 65, 63, 71, 78, 83, 62, 74, 76, 70, 77

```
←――+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+―+→
   60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85
```

13. Minimum _____   14. Maximum _____   15. Median _____

16. 1st Quartile (lower) _____   17. 3rd Quartile (upper) _____

18. Interquartile Range _____