

```

In[3]:= StartingPitchers = {89, 79, 91, 83, 91, 91, 84, 92, 92, 86, 87, 92, 91, 92, 84, 92, 92, 93, 91,
86, 86, 90, 91, 91, 85, 92, 97, 86, 84, 91, 85, 85, 92, 85, 91, 84, 91, 87, 90, 91, 86, 91,
83, 92, 85, 87, 92, 92, 87, 86, 93, 88, 88, 86, 86, 93, 85, 86, 93, 93, 87, 86, 83, 85, 91,
85, 91, 91, 90, 91, 85, 85, 93, 87, 87, 90, 86, 86, 86, 91, 85, 86, 85, 92, 87, 86, 88, 93,
86, 86, 85, 93, 93, 93, 93, 87, 87, 87, 87, 86, 84, 87, 85, 83, 72, 88, 84, 75, 90, 77,
90, 73, 87, 72, 88, 82, 74, 82, 84, 73, 90, 87, 75, 74, 84, 89, 89, 74, 76, 75, 90, 77,
86, 80, 71, 78, 85, 70, 74, 88, 71, 71, 79, 71, 70, 86, 81, 85, 73, 82, 74, 87, 71, 83,
79, 86, 83, 79, 76, 75, 80, 86, 89, 86, 69, 81, 72, 74, 74, 83, 84, 94, 94, 88, 82, 94,
89, 95, 94, 89, 94, 93, 81, 94, 93, 88, 93, 89, 89, 90, 93, 88, 83, 89, 87, 87, 94, 94,
87, 87, 89, 95, 88, 89, 89, 96, 95, 93, 80, 80, 93, 94, 95, 89, 93, 87, 95, 80, 88, 87,
88, 81, 93, 80, 93, 87, 82, 92, 93, 95, 92, 87, 80, 93, 92, 88, 88, 81, 86, 93, 94, 92,
88, 93, 93, 94, 89, 89, 95, 90, 82, 90, 89, 93, 88, 90, 92, 77, 92, 94, 84, 91, 92, 77,
94, 78, 85, 76, 93, 92, 92, 76, 86, 85, 93, 92, 87, 93, 92, 93, 77, 86, 87, 93, 88, 85,
93, 77, 93, 77, 93, 79, 94, 94, 86, 78, 92, 92, 77, 77, 76, 93, 78, 92, 78, 76, 85, 86,
93, 78, 86, 94, 86, 94, 85, 76, 77, 91, 91, 92, 91, 93, 93, 92, 78, 85, 93, 92, 93, 84,
77, 92, 86, 86, 93, 93, 77, 91, 94, 85, 76, 93, 93, 93, 79, 94, 85, 92, 94, 93, 77, 77};

```

```

In[35]:= N[Variance[StartingPitchers]]
s1 = N[StandardDeviation[StartingPitchers]]
OverBar[x1] = N[Mean[StartingPitchers]]
n1 = Length[StartingPitchers]

```

Out[35]= 40.1211

Out[36]= 6.33412

Out[37]= 86.625

Out[38]= 352

```
ReliefPitchers = {94, 94, 80, 79, 79, 94, 94, 92, 93, 80, 94, 79, 91, 80, 90, 91, 91, 92, 91,
  93, 92, 93, 81, 92, 91, 90, 91, 91, 78, 91, 92, 93, 88, 88, 88, 96, 81, 96, 96, 81,
  82, 83, 90, 95, 95, 79, 81, 95, 96, 81, 81, 95, 96, 96, 81, 96, 81, 88, 87, 90, 96, 96,
  89, 88, 96, 88, 89, 87, 88, 95, 89, 97, 96, 98, 87, 96, 80, 87, 88, 86, 98, 96, 86, 98,
  88, 84, 86, 97, 86, 96, 97, 83, 85, 96, 80, 87, 87, 88, 97, 97, 96, 85, 82, 93, 82, 81,
  83, 85, 93, 85, 92, 92, 92, 81, 92, 81, 83, 92, 81, 83, 83, 84, 83, 84, 92, 85, 81, 90,
  92, 91, 82, 82, 93, 84, 91, 90, 90, 90, 92, 93, 83, 93, 83, 94, 81, 83, 94, 82, 95,
  94, 93, 94, 93, 82, 93, 92, 93, 85, 82, 92, 81, 80, 79, 92, 94, 80, 92, 87, 81, 81,
  93, 87, 88, 92, 88, 91, 91, 91, 91, 83, 82, 82, 83, 82, 93, 92, 83, 82, 83, 82, 91,
  91, 83, 92, 81, 82, 93, 89, 83, 83, 84, 91, 75, 82, 92, 89, 83, 81, 83, 83, 83, 92, 93,
  92, 83, 88, 87, 86, 99, 100, 101, 100, 87, 85, 96, 85, 99, 98, 100, 97, 87, 83, 99,
  99, 85, 83, 90, 99, 87, 86, 99, 99, 100, 87, 99, 99, 76, 82, 94, 76, 94, 83, 95, 94,
  87, 75, 94, 94, 89, 95, 95, 94, 78, 94, 95, 79, 78, 78, 78, 90, 96, 96, 95, 95, 82, 81,
  95, 80, 95, 79, 95, 95, 95, 81, 95, 80, 83, 81, 94, 94, 94, 94, 94, 94, 80, 81, 93, 81,
  81, 83, 82, 85, 94, 94, 96, 87, 86, 87, 93, 94, 85, 86, 95, 85, 88, 84, 93, 88, 93,
  86, 85, 85, 85, 92, 84, 92, 85, 93, 86, 92, 92, 93, 80, 93, 88, 88, 92, 93, 92, 92,
  92, 93, 94, 88, 77, 85, 94, 86, 95, 85, 77, 95, 95, 86, 95, 76, 85, 96, 85, 85, 95,
  95, 92, 85, 84, 95, 94, 94, 86, 86, 94, 85, 82, 84, 93, 94, 82, 84, 93, 92, 93, 94,
  93, 82, 95, 96, 82, 94, 94, 81, 82, 94, 93, 74, 94, 94, 95, 82, 94, 96, 97, 88, 87,
  87, 96, 88, 97, 96, 89, 90, 85, 89, 95, 88, 95, 88, 95, 95, 95, 89, 95, 94, 94, 95};
```

```
In[31]:= N[Variance[ReliefPitchers]]
s2 = N[StandardDeviation[ReliefPitchers]]
OverBar[x2] = N[Mean[ReliefPitchers]]
n2 = Length[ReliefPitchers]
```

```
Out[31]= 35.5077
```

```
Out[32]= 5.95884
```

```
Out[33]= 88.9764
```

```
Out[34]= 424
```