

**AP Statistics**  
**Calculating Standard Deviation by Hand**

**Calculate the standard deviation for both sets of data by hand. There are directions and a worked out example on page 61.**

1. 5, 12, 13, 18, 7, 8, 9, 5, 15, 10

2. 24, 28, 32, 14, 27, 38, 29, 18, 20