


| $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \frac{1}{0} \\ & 3 \\ & 0 \\ & 0 \\ & \frac{1}{0} \\ & 0 \\ & 5 \\ & 0.0 \end{aligned}$ | Determine the variance and standard deviation of the given five numbers (population and sample) $2,2,2,5,10$ <br> Show paper and pencil methods <br> ROUND to FOUR DECIMAL PLACES <br> Population variance $=$ $\qquad$ <br> Population standard deviation= $\qquad$ <br> Sample variance $=$ $\qquad$ <br> Sample standard deviation= $\qquad$ | Determine the variance and standard deviation of the given five numbers (population and sample) $2,5,5,5,10$ <br> Show paper and pencil methods <br> ROUND to FOUR DECIMAL PLACES <br> Population variance $=$ $\qquad$ <br> Population standard deviation= $\qquad$ <br> Sample variance $=$ $\qquad$ <br> Sample standard deviation= $\qquad$ |
| :---: | :---: | :---: |
|  | Determine the variance and standard deviation of the given five numbers (population and sample) $5,5,5,9,9$ <br> Show paper and pencil methods <br> ROUND to FOUR DECIMAL PLACES <br> Population variance $=$ $\qquad$ <br> Population standard deviation= $\qquad$ <br> Sample variance $=$ $\qquad$ <br> Sample standard deviation= $\qquad$ | Determine the variance and standard deviation of the given five numbers (population and sample) 1, 2, 2, 2, 5 <br> Show paper and pencil methods <br> ROUND to FOUR DECIMAL PLACES <br> Population variance $=$ $\qquad$ <br> Population standard deviation= $\qquad$ <br> Sample variance $=$ $\qquad$ <br> Sample standard deviation= $\qquad$ |
|  | Now take the 20 numbers from the four lists and use the $2,2,2,5,10,2,5,5,5,10,5,5,5,9,9,1,2,2,2,5$ <br> Population variance $=$ $\qquad$ Population standard de <br> Sample variance $=$ $\qquad$ Sample standard devia | TI Nspire to determine the following <br> viation= $\qquad$ <br> ion= $\qquad$ |


| Determine the variance and standard deviation of the | Determine the variance and standard deviation of the <br> given five numbers (population and sample) <br> given five numbers (population and sample) |
| :--- | :--- | :--- |
| $2,2,3,5,10$ |  |
| Show paper and pencil methods |  |

