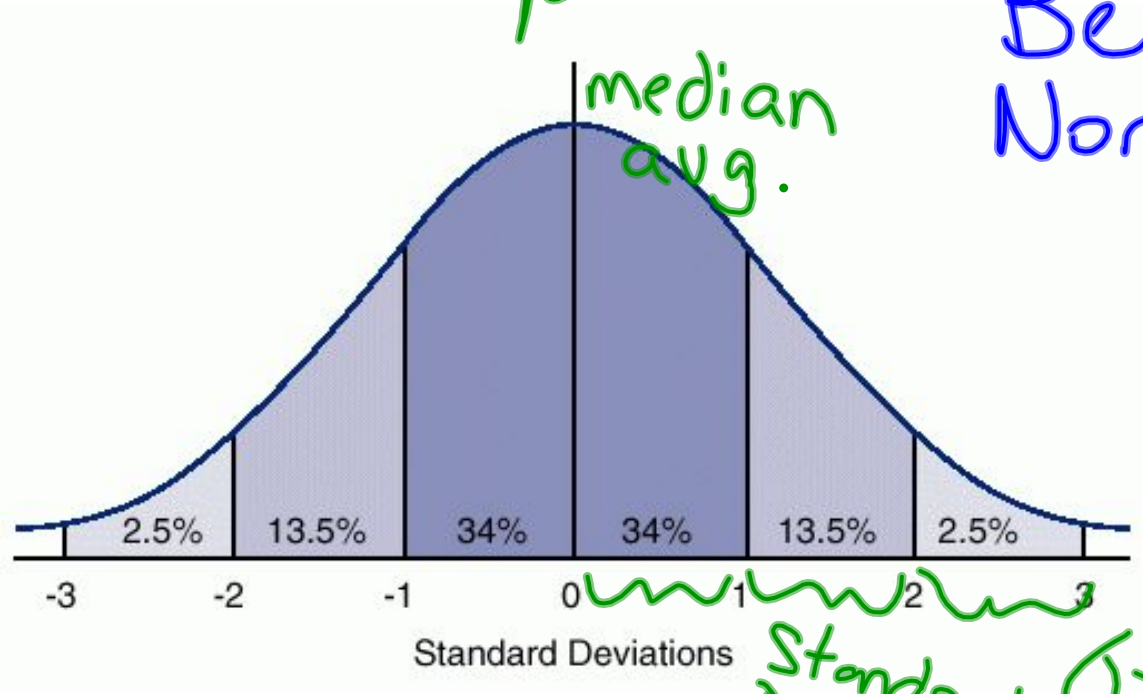
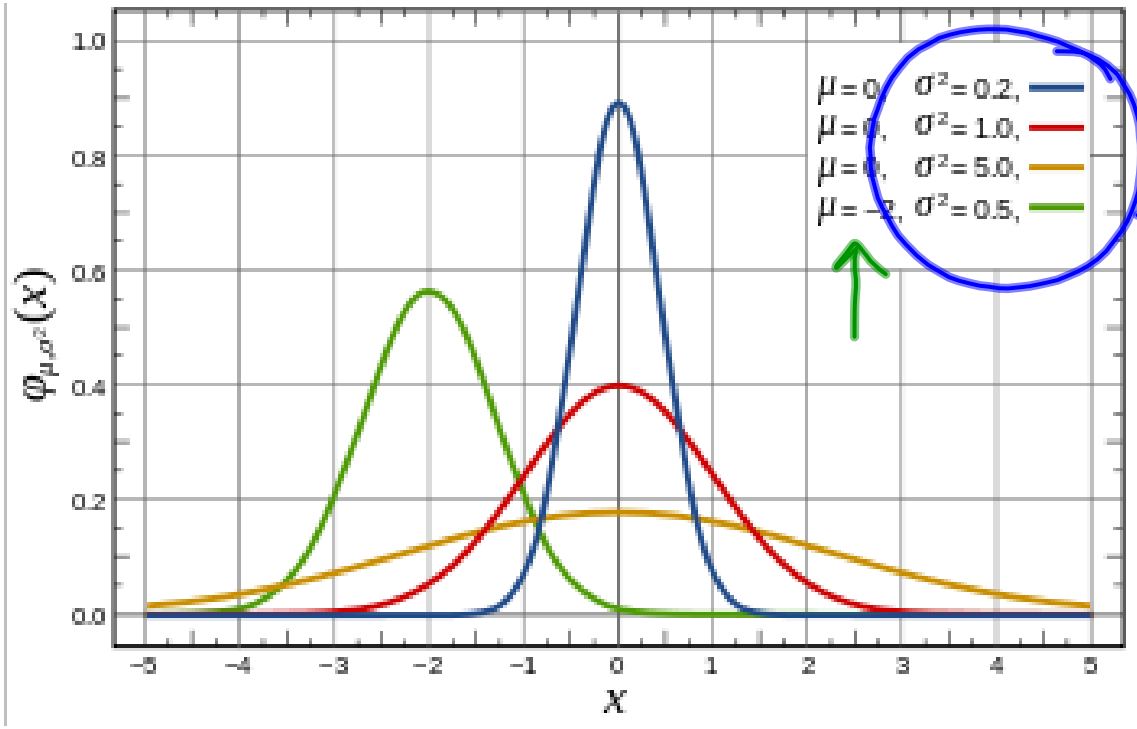
TODAY'S AGENDA: December 1

- Work on Khan Academy Mission:
  - > Data Distributions
- Today's Objective: Small-Group Lesson
  - > Students will be able to determine the Standard Deviation of a Population
- Today's Standard:
  - > Summarize, represent and interpret data on a single count or measurement variable.

Standard Deviation of a Population





Standard Deviations

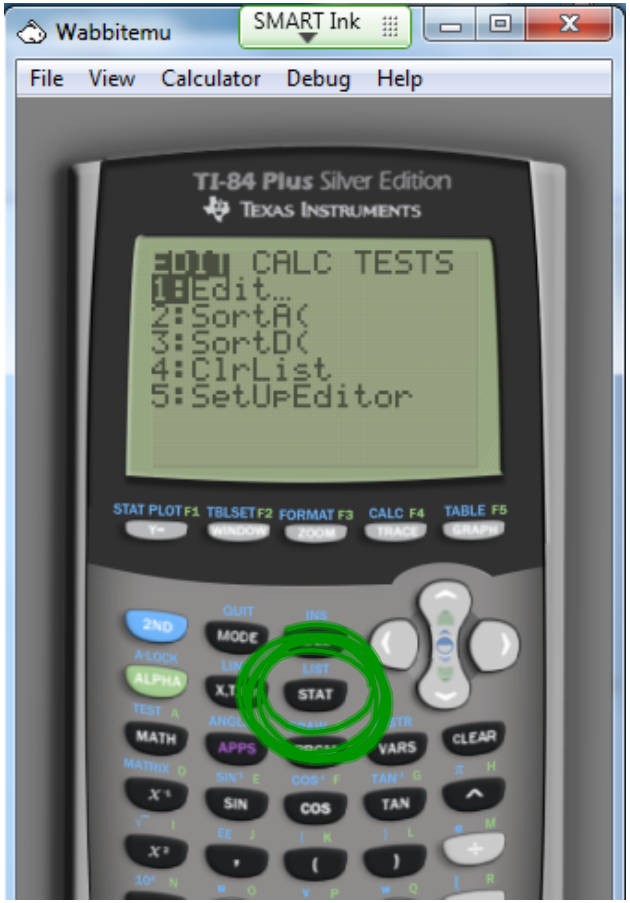
The following data points are the number of games pitched by each of the Greenbury Goblins' starting pitchers last season.

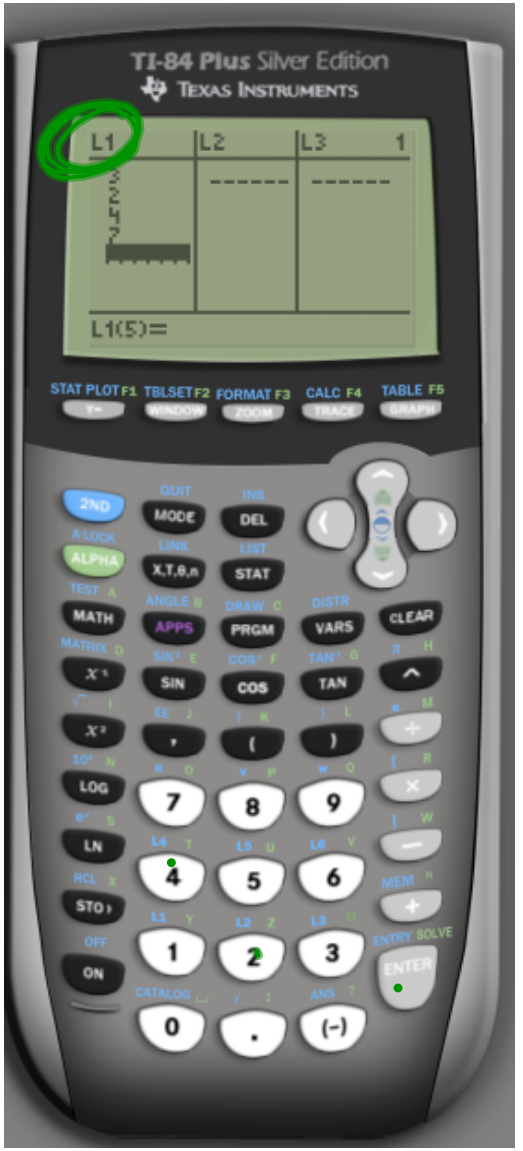
$3, 2, 4, 7$ 6

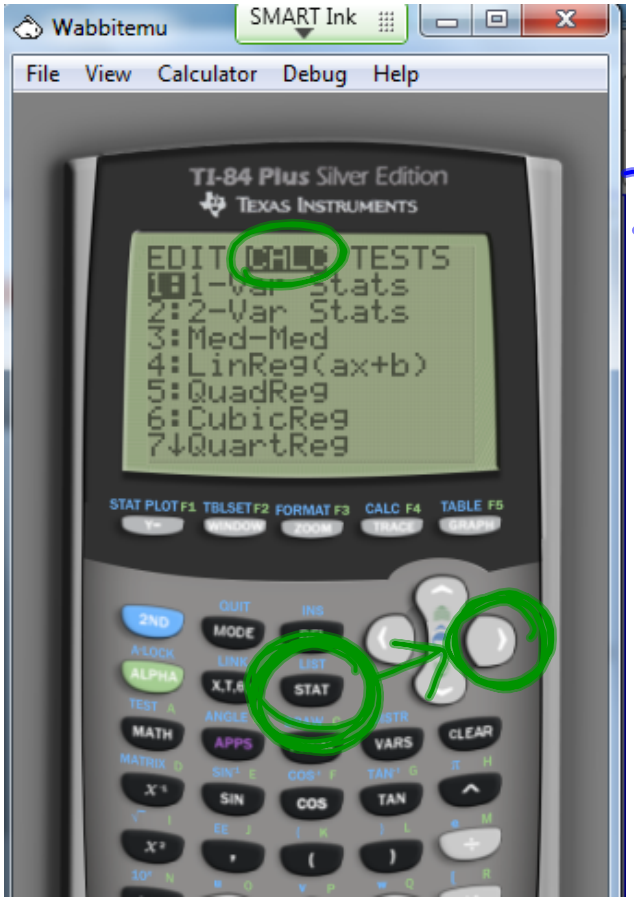
Find the standard deviation of the data set.

Round your answer to the nearest hundredth.

1.87 games


Wabbitemu
SMART Ink
File View Calculator Debug Help
TI-84 Plus Silver Edition
Texas Instruments
CALC TESTS
1:Edit…
2:SortA(
3:SortD(
4:ClrList
5:SetUpEditor
STAT PLOT F1 TBLSET F2 FORMAT F3 CALC F4 TABLE F5
2ND MODE STAT MATH APPS VARS CLEAR SIN COS TAN


TI-84 Plus Silver Edition
Texas Instruments
L1 L2 L3 1
L1(5)=
STAT PLOT F1 TBLSET F2 FORMAT F3 CALC F4 TABLE F5
2ND MODE DEL STAT MATH APPS PRGM VARS CLEAR SIN COS TAN LOG LN STO ON
7 8 9 4 5 6 1 2 3 0 . (-) ENTER



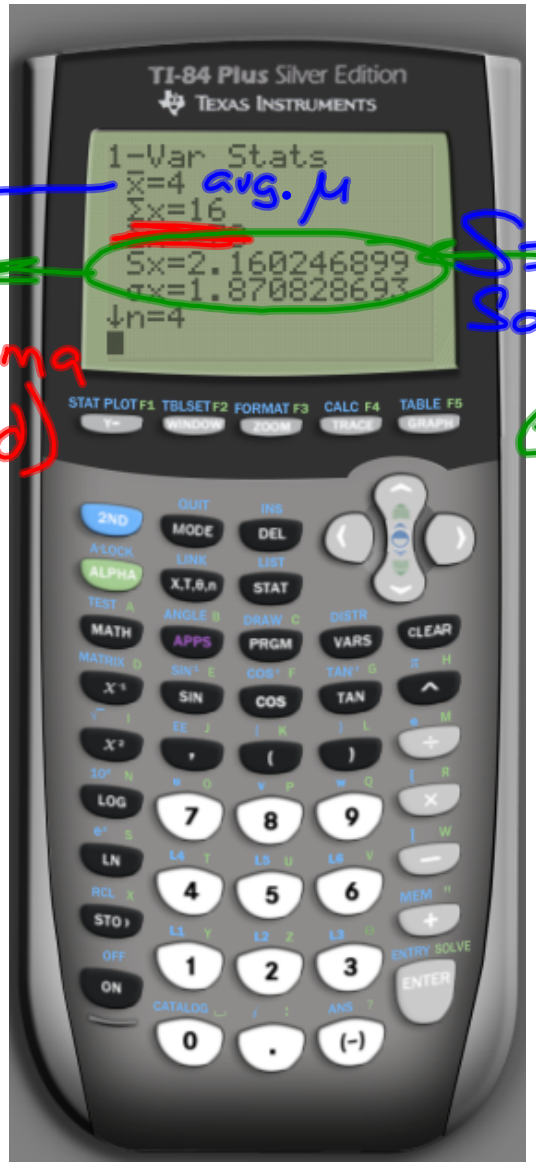
Enter x2

$\bar{x}$, xbar ← avg. μ

σ ← S = sample

σ = all

Σ = sigma (add)



Justin did push-ups for the past 5 days.The following data points are the number of push-ups he did each day.

$$21, 24, 24, 27, 29$$

Find the standard deviation of the data set.
Round your answer to the nearest hundredth.

2.76 push-ups