

# Integrated Math 10 - Independent Study Unit - Statistics

KEY POINT in Unit: HOW DO PEOPLE USE MATH TO MAKE DECISIONS???

## Section 8B: Quantitative (Numerical) Data

Objectives: Organize and display discrete data.

HW/CW: Sec 8B, pages 176 - 179, Q2,3,4,5

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

## Section 8C: Grouped Discrete Data

Objectives: Display and interpret discrete data in a stem-and-leaf plot.

HW/CW: Sec 8C, pages 180-181, Q1,3,4

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

## Section 8D: Continuous Data & Histograms

Objectives: Display and interpret continuous data in a histogram.

HW/CW: Section 8D, pages 183-184, Q1,2,4

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

## Section 8E: Measuring the Centre

Objective #1: Given a set of discrete data, calculate mean, median and mode by hand and by GDC.

Objective #2: Determine the effect of changing the data on the measures of center.

HW/CW: Section 8E.1, pages 187-188; Q2,3,4,7,8,9,10,11,13,14 and Section 8E.2, pages 190-191; Q2,3,4

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

Section 8G: Measuring the Spread

Objectives: Given a set of discrete data, identify the lower & upper quartiles, the range and interquartile range by hand and by GDC.

HW/CW: Section 8G, page 196, Q1,2,3

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

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Section 8H: Box-and-Whisker Plots

Objectives: Given a set of discrete data, create and interpret a box-and-whisker plot.

Section 8H.1, pages 197-198; Q1,2,4 and Section 8H.2, pages 199-200; Q2,3

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

Section 8F: Cumulative Data

Objective #1: Given continuous data, find cumulative totals and create a cumulative frequency curve.

Objective #2: Interpret a cumulative frequency curve.

HW/CW: Section 8F, pages 192-193; Q2,3,5

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.

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Section 8I: Statistics on the TI-84

Objectives: Given a data set, complete a Univariate Data Analysis using the TI-84.

HW/CW: Link to and print [the following worksheet](#). Complete Exercises 1,2,3 on the first 2 pages and Applications Q6 on the fourth page.

I have completed all questions and shown complete solutions of my work. \_\_\_\_\_.

I have checked my answers and corrected the answers that were incorrect. \_\_\_\_\_.

My work, solutions, and checking of answers have been verified by: \_\_\_\_\_.