Slide 1

2010StatLit-GC-PPT-Instructions-Write-Describe

Grammar Checker Program Instructions: Writing Descriptions of Ratios

W. M. Keck Statistical Literacy Project
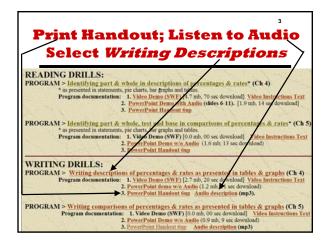**Milo Schield, Director**

15 June 2010
www.StatLit.org/pdf/2010StatLit-GC-PPT-Instructions-Write-Describe.pdf

Slide 2

Goal and Approach

Goal: Help users write accurate statements about percentages, rates and ratios as presented in statements, tables and graphs. To do so by using a web-based drill program with immediate feedback
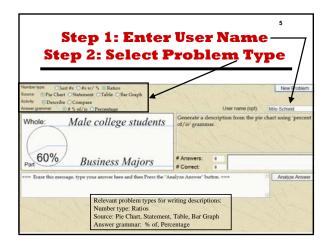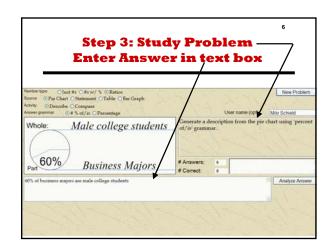
Approach:

- Use Internet Explorer as your browser.
  Do not use Firefox, Safari and Chrome.
- Go to www.StatLit.org/gc.
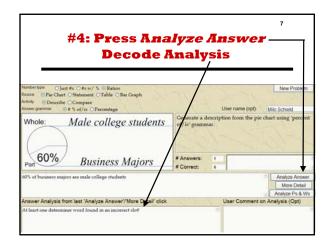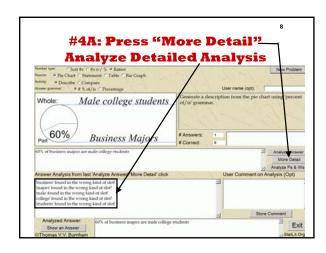- Print the Writing Descriptions Powerpoint Handout 6up.

Slide 3

Print Handout; Listen to Audio Select *Writing Descriptions*

READING DRILLS:
PROGRAM > Identifying part & whole in descriptions of percentages & rates* (Ch 4)
  * as presented in statements, pie charts, bar graphs and tables.
  Program documentation: 1. Video Demo (SWF) (1.7 mb, 70 sec download) Video Instructions Text
  2. PowerPoint Demo with Audio (slides 6-11). [1.9 mb, 14 sec download]
  3. PowerPoint Handout 6up

PROGRAM > Identifying part & whole, test and base in comparisons of percentages & rates* (Ch 5)
  * as presented in statements, pie charts, bar graphs and tables.
  Program documentation: 1. Video Demo (SWF) [0.0 mb, 00 sec download] Video Instructions Text
  2. PowerPoint Demo w/o Audio (1.6 mb; 13 sec download)
  3. PowerPoint Handout 6up

WRITING DRILLS:
PROGRAM > Writing descriptions of percentages & rates as presented in tables & graphs (Ch 4)
  Program documentation: 1. Video Demo (SWF) [2.7 mb, 20 sec download] Video Instructions Text
  2. PowerPoint demo w/o Audio (1.2 mb, 11 sec download)
  3. PowerPoint Handout 6up   Audio description (mp3).

PROGRAM > Writing comparisons of percentages & rates as presented in tables & graphs (Ch 5)
  Program documentation: 1. Video Demo (SWF) [0.0 mb, 00 sec download] Video Instructions Text
  2. PowerPoint Demo w/o Audio (0.9 mb, 9 sec download)
  3. PowerPoint Handout 6up   Audio description (mp3)
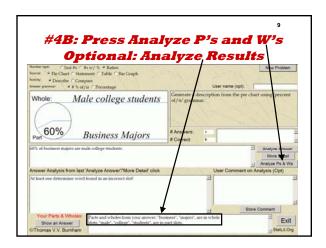
Slide 4

Procedure: Six Steps

1. Enter your user name
2. Select problem type. Study the problem task.
3. Write your answer
4. Press **Analyze Answer**. Review program feedback.
   Options: More detail; Check Ps & Ws; Show answer
5. To get a new problem, press **New Problem.**
   Change problem selection options as needed
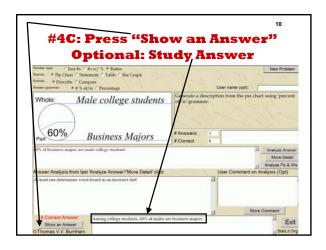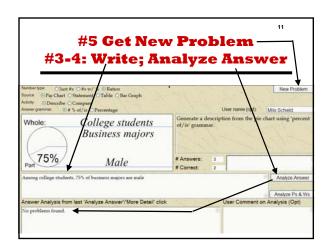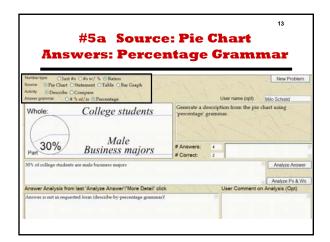   Repeat steps 2-4 until answer is correct.
6. Press **Exit** to leave

Slide 5

Step 1: Enter User Name
Step 2: Select Problem Type

Number type: ○ Just #s ○ #s w/ % ⊙ Ratios
Source: ⊙ Pie Chart ○ Statement ○ Table ○ Bar Graph
Activity: ⊙ Describe ○ Compare
Answer grammar: ⊙ # % of/is ○ Percentage

New Problem

User name (opt): Milo Scheild

Whole: *Male college students*

60% *Business Majors* Part

Generate a description from the pie chart using 'percent of/is' grammar.

\# Answers: 0
\# Correct: 0

=== Erase this message, type your answer here and then Press the "Analyze Answer" button. ===

Analyze Answer

Relevant problem types for writing descriptions:
Number type: Ratios
Source: Pie Chart, Statement, Table, Bar Graph
Answer grammar: % of, Percentage

Slide 6

Step 3: Study Problem
Enter Answer in text box

Number type: ○ Just #s ○ #s w/ % ⊙ Ratios
Source: ⊙ Pie Chart ○ Statement ○ Table ○ Bar Graph
Activity: ⊙ Describe ○ Compare
Answer grammar: ⊙ # % of/is ○ Percentage

New Problem

User name (opt): Milo Scheild

Whole: *Male college students*

60% *Business Majors* Part

Generate a description from the pie chart using 'percent of/is' grammar.

\# Answers: 0
\# Correct: 0

60% of business majors are male college students

Analyze Answer

#4: Press *Analyze Answer*
Decode Analysis

#4A: Press "More Detail"
Analyze Detailed Analysis

#4B: Press Analyze P's and W's
Optional: Analyze Results

#4C: Press "Show an Answer"
Optional: Study Answer

#5 Get New Problem
#3-4: Write; Analyze Answer

5: Select Different
Problem Types

Activity: Describe   **Number type**: Ratios

Select from Sources:
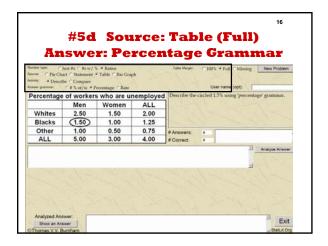- Pie Chart
- Bar Graph
- Table: 100%, full 2-way or missing half-table
- Statement: Percent (%), Percentage or Prevalence
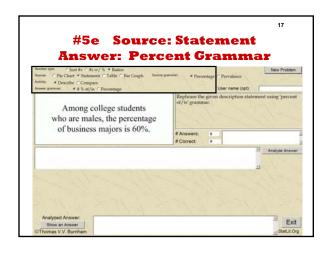
Select Answer Grammar: Percent or Percentage*

* Allows Rate grammar for bar graphs & tables

13

#5a   Source: Pie Chart
Answers: Percentage Grammar

14

#5b   Source: Bar Graph
Answer: % Grammar

15

#5c   Source: Table (100%)
Answer: Percentage Grammar

16

#5d   Source: Table (Full)
Answer: Percentage Grammar

17

#5e   Source: Statement
Answer: Percent Grammar

18

Conclusion

Drill on things until you get fairly good.
Then move on. Come back later for a re-test.

To record your work, press EXIT to leave the
program. Do not exit by entering a URL.

You can enter your name any time in the session.

You can repeat this program as often as you want.

This program does not have a spell-check.
Always check your spelling.