

2010StatLit-GC-PPT-Instructions-Write-Describe 1

Grammar Checker Program Instructions: Writing Descriptions of Ratios

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

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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.

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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) [3.7 mb, 70 sec download] [Video Instructions Text](#)
2. PowerPoint Demo w/o Audio (slides 6-11). [1.9 mb, 14 sec download]
3. PowerPoint Handout 6up

PROGRAM > Identifying part & whole, text 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, 9 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 \(mp3\)](#)

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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.
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

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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

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

Whole: Male college students
Part: 60% Business Majors

User name (opt): Milo Schield

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

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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

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

Whole: Male college students
Part: 60% Business Majors

User name (opt): Milo Schield

Answers: 0
Correct: 0

60% of business majors are male college students

Analyze Answer

#4: Press Analyze Answer Decode Analysis

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

Whole: Male college students
 Part: 60% Business Majors

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

Answers: 1
 # Correct: 0

Analyze Answer
 More Detail
 Analyze Ps & Ws

Answer Analysis from last 'Analyze Answer'/'More Detail' click
 User Comment on Analysis (Opt)

At least one determiner word found in an incorrect slot!

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

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

Whole: Male college students
 Part: 60% Business Majors

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

Answers: 1
 # Correct: 0

Analyze Answer
 More Detail
 Analyze Ps & Ws

Answer Analysis from last 'Analyze Answer'/'More Detail' click
 User Comment on Analysis (Opt)

Business' found in the wrong kind of slot!
 majors' found in the wrong kind of slot!
 male' found in the wrong kind of slot!
 college' found in the wrong kind of slot!
 students' found in the wrong kind of slot!

Analyzed Answer: 60% of business majors are male college students

Show an Answer
 Store Comment

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

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

Whole: Male college students
 Part: 60% Business Majors

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

Answers: 1
 # Correct: 0

Analyze Answer
 More Detail
 Analyze Ps & Ws

Answer Analysis from last 'Analyze Answer'/'More Detail' click
 User Comment on Analysis (Opt)

At least one determiner word found in an incorrect slot!

Your Parts & Wholes
 Show an Answer

Parts and wholes from your answer: 'business', 'majors', are in whole slot 'male', 'college', 'students' are in part slots.

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

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

Whole: Male college students
 Part: 60% Business Majors

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

Answers: 1
 # Correct: 0

Analyze Answer
 More Detail
 Analyze Ps & Ws

Answer Analysis from last 'Analyze Answer'/'More Detail' click
 User Comment on Analysis (Opt)

At least one determiner word found in an incorrect slot!

A Correct Answer:
 Show an Answer

Among college students, 60% of males are business majors.

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

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

Whole: College students
 Part: 75% Male

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

Answers: 3
 # Correct: 2

Analyze Answer
 More Detail
 Analyze Ps & Ws

Answer Analysis from last 'Analyze Answer'/'More Detail' click
 User Comment on Analysis (Opt)

No problems found.

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

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**#5a Source: Pie Chart
Answers: Percentage Grammar**

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

User name (opt): Milo Scheid

Whole: College students
 Part: 30% Male Business majors

Generate a description from the pie chart using 'percentage' grammar.

Answers: 4
 # Correct: 2

30% of college students are male business majors

Answer Analysis from last 'Analyze Answer'/'More Detail' click
 User Comment on Analysis (Opt)
 Answer is not in requested form (describe-by-percentage grammar)!

Analyze Answer
 Analyze Ps & Ws
 Show an Answer
 Exit

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**#5b Source: Bar Graph
Answer: % Grammar**

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

User name (opt):

Describe the 60% using 'percent of/is' grammar.

Answers: 0
 # Correct: 0

Percentage of Business Majors among College Students

Female: 20%
 Male: 80%

Analyze Answer
 Show an Answer
 Exit

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

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

Table Margin: 100% Full Missing
 User name (opt):

Describe the circled 20% using 'percentage' grammar.

College Students			
MAJOR	Male	Female	TOTAL
Business	60%	20%	40%
Economics	10%	50%	30%
MIS	30%	30%	30%
TOTAL	100%	100%	100%

Answers: 0
 # Correct: 0

Analyze Answer
 Show an Answer
 Exit

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

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

Table Margin: 100% Full Missing
 User name (opt):

Describe the circled 1.5% using 'percentage' grammar.

Percentage of workers who are unemployed			
	Men	Women	ALL
Whites	2.50	1.50	2.00
Blacks	1.50	1.00	1.25
Other	1.00	0.50	0.75
ALL	5.00	3.00	4.00

Answers: 0
 # Correct: 0

Analyze Answer
 Show an Answer
 Exit

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**#5e Source: Statement
Answer: Percent Grammar**

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

Source grammar: Percentage Prevalence
 User name (opt):

Rephrase the given description statement using 'percent of/is' grammar.

Among college students who are males, the percentage of business majors is 60%.

Answers: 0
 # Correct: 0

Analyze Answer
 Show an Answer
 Exit

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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.