

## HOW TO CREATE A VOLUMETRIC SERIES

A volumetric is used to compare a constant value to a numeric question. A volumetric can also be used to compare two numeric questions.

- 1) Set up numeric question(s) to studies specifications.
- 2) Create a volumetric series at the first question after the numeric question(s).
  - A. Select the question for the volumetric to occur at.
  - B. Choose the question (or constant) to base the series to.
  - C. Type in the question(s) and answer(s) for the volumetric to accumulate.
  - D. Choose where to branch if the volumetric is not equal.
- 3) If a text screen needs to appear which states that the answers do not add up to the desired sum; add a text screen after the last numeric question in the series. Be sure to branch around this question. The text screen must branch back to the first numeric in the series.
- 4) If 'Don't Know' is allowed in the numeric question series, branching using conditionals must be added.

# VOLUMETRIC SERIES

\*\*\* QUESTION #1 \*\*\*

Q.1 How many movies have you seen in the past month?

GO TO Q. #2 =====> <1> numeric

- NUMERIC OPEN END - RANGE IS 1 THRU 98 -

- ANSWER REQUIRED -

\*\*\* QUESTION #2 \*\*\*

Q.2 Of the [Q1]## movie(s) you have seen how many were...(READ LIST)?

GO TO Q. #4 =====> <1> seen in a movie theater

- RANGE IS 0 THRU 98 -

GO TO Q. #4 =====> <2> viewed using cable

- RANGE IS 0 THRU 98 -

GO TO Q. #4 =====> <3> ordered using pay per view

- RANGE IS 0 THRU 98 -

GO TO Q. #4 =====> <4> viewed using a VCR

- RANGE IS 0 THRU 98 -

GO TO Q. #4 =====> <5> viewed using a DVD player

- RANGE IS 0 THRU 98 -

- MULTI-PUNCH -

- NUMERIC CLOSED END -

\*\*\* QUESTION #3 \*\*\*

I'm sorry that doesn't add to [Q1]## let's try again.

GO TO Q. #2 =====> <1> text screen

- TEXT SCREEN -

\*\*\* QUESTION #4 \*\*\*

<< VOLUMETRIC ASSOCIATED WITH THIS QUESTION >>

BASED ON QUESTION #1 TOTAL.

ACCUMULATE THE FOLLOWING QUESTIONS AND ANSWERS:

Q2A1-5

IF THE ACCUMULATION IS NOT EQUAL, BRANCH TO QUESTION #3 -

Thank you for your time.

GO TO Q. #5 =====> <1> text screen

- TEXT SCREEN -

## VOLUMETRIC SERIES WITH DON'T KNOW ALLOWED

\*\*\* QUESTION #1 \*\*\*

Q.1 How many movies have you seen in the past month?

.

(ENTER 99 FOR DON'T KNOW)

GO TO Q. #2 =====> <1> numeric

- NUMERIC OPEN END - RANGE IS 0 THRU 99 -

- ANSWER REQUIRED -

\*\*\* QUESTION #2 \*\*\*

<< CONDITIONAL ASSOCIATED WITH THIS QUESTION >>

IF Q#1 EQ 99 TO 99

(CONDITIONAL #1)

THEN GO TO Q.#6 ELSE GO TO Q.#2.

Q.2 Of the [Q1]## movie(s) you have seen how many were...(READ LIST)?

GO TO Q. #3 =====> <1> seen in a movie theater

- RANGE IS 0 THRU 98 -

GO TO Q. #3 =====> <2> ordered using pay per view

- RANGE IS 0 THRU 98 -

GO TO Q. #3 =====> <3> viewed using a VCR

- RANGE IS 0 THRU 0 -

GO TO Q. #3 =====> <4> viewed using a DVD player

- RANGE IS 0 THRU 0 -

GO TO Q. #3 =====> <5> %(DO NOT READ) ENTER 99 FOR DON'T KNOW

- RANGE IS 99 THRU 99 -

- MULTI-PUNCH -

- NUMERIC CLOSED END -

\*\*\* QUESTION #3 \*\*\*

<< CONDITIONAL ASSOCIATED WITH THIS QUESTION >>

IF Q#1 EQ 99 TO 99

(CONDITIONAL #2)

OR Q#2 A#5 EQ 99 TO 99

(CONDITIONAL #3)

THEN GO TO Q.#6 ELSE GO TO Q.#5.

\*dummy to skip don't know

GO TO Q. #5 =====> <1> dummy

- MULTI-PUNCH -

- ANSWER REQUIRED -

\*\*\* QUESTION #4 \*\*\*

I'm sorry I must have misunderstood you.

Let's try again.

GO TO Q. #2 =====> <1> text screen

- TEXT SCREEN -

\*\*\* QUESTION #5 \*\*\*

<< VOLUMETRIC ASSOCIATED WITH THIS QUESTION >>

BASED ON QUESTION #1 TOTAL.

ACCUMULATE THE FOLLOWING QUESTIONS AND ANSWERS:

Q2A1-5

IF THE ACCUMULATION IS NOT EQUAL, BRANCH TO QUESTION #4 -

\*dummy to check if adds

GO TO Q. #6 =====> <1> dummy

- MULTI-PUNCH -

- ANSWER REQUIRED -

\*\*\* QUESTION #6 \*\*\*

What is your favorite type of movie?

GO TO Q. #7 =====> <1> Action  
- RANGE IS 0 THRU 30 -  
GO TO Q. #7 =====> <2> Comedy  
- RANGE IS 0 THRU 0 -  
GO TO Q. #7 =====> <3> Drama  
- RANGE IS 0 THRU 0 -  
GO TO Q. #7 =====> <4> Horror  
- RANGE IS 0 THRU 0 -  
GO TO Q. #7 =====> <5> Science Fiction  
- RANGE IS 0 THRU 0 -  
- NUMERIC CLOSED END -

\*\*\* QUESTION #7 \*\*\*

Thank you for your time.

GO TO Q. #8 =====> <1> text  
- TEXT SCREEN -