

Test 8—Question 1: Data Analysis and Probability

- 1** A local radio station had 50 people qualify to win a pair of tickets to a concert. Greg and his sister were two of the 50 who qualified to win the tickets. What is the probability that either Greg or his sister will win the tickets?

Show All Work

Answer _____

Exemplary Response:

- $\frac{1}{25}$

OR

- $\frac{2}{50}$

OR

- 0.04

OR

- 4%

OR

- Other valid probability

Sample Process:

- $2 \div 50 = \frac{1}{25}$

OR

- Other valid process

Rubric:

- 2 points** Exemplary response
- 1 point** Correct complete process; error in computation
- 0 points** Other