

Math 112 - Quiz 1
August 22, 2018

Name key
Score _____

Show all work to receive full credit. Supply explanations when necessary. This quiz is worth 5 points. YOU MUST WORK INDIVIDUALLY.

1. Let R be the set of letters of the word *racecar*. Write R in roster notation.

$$R = \{r, a, c, e\}$$

2. Use a verbal description to write the set $\{M, I, S, P\}$.

THE SET OF LETTERS OF THE WORD "MISSISSIPPI"

3. Let D be the set of players who had awesome dunks in the last basketball game. Is D well defined? Briefly say why or why not.

D IS NOT WELL DEFINED.

"AWESOME" IS SUBJECTIVE---IT

IS NOT CLEAR WHAT DUNKS

ARE AWESOME AND WHAT ARE NOT.