

Math 112 - Quiz 2

August 27, 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. (2 points) $C = \{x | x \in \mathbb{N} \text{ and } x < 9\}$. Rewrite C in roster notation.

$$C = \{1, 2, 3, 4, 5, 6, 7, 8\}$$

2. (1 point) True or false: $5 \in \{1, 3, 5, 7\}$

True, 5 IS AN ELEMENT OF THAT SET.

3. (2 points) Write in set-builder notation: {red, white, blue}

$$\{x \mid x \text{ IS A COLOR OF THE AMERICAN FLAG}\}$$