

Math 3311 Quiz 1

Name: _____

1. Two six-sided dice are rolled and the sum of the numbers is recorded. What is the sample space?

2. Let $A = \{1, 5, 9\}$ and $B = \{1, 3, 9, 12\}$. Determine the following.

(a) $A \cup B$

(b) $A \cap B$

(c) Is either set a subset of the other?

(d) Are the sets mutually exclusive?