

## ALGEBRA II HONORS QUIZ 39

Name: \_\_\_\_\_

Period: \_\_\_\_

1. How many 4-digit numbers can be formed if the leading digit cannot be a multiple of 3? (20)1. \_\_\_\_\_

2. How many ways are there to choose a team of 4 from 9 possible candidates? (20)2. \_\_\_\_\_

3. How many ways can a family of 5 sit in a 5-passenger vehicle if only 3 people can drive? (20)3. \_\_\_\_\_

4. How many subsets of 3 elements can be chosen from a set of 12? (20)4. \_\_\_\_\_

5. How many distinguishable permutations are there for the letters in the word CHOCOLATE? (20)5. \_\_\_\_\_