

Name: _____

Date:

Course: _____

Nyack College

College MATH

QUIZ #1

Directions: Provide complete responses to each question. Make sure to show your work.

1. FIND ALL NATURAL FACTORS OF THE FOLLOWING NUMBERS:

a. 12

b. 28

c. 126

Name: _____

Date:

Course: _____

Nyack College

2. USE DIVISIBILITY TESTS TO DECIDE WHETHER THE GIVEN NUMBER IS DIVISIBLE BY EACH OF THE NUMBERS

{2, 3, 4, 5, 6, 8, 9, 10, 12}:

a. 321

b. 36,360

c. **454,234**

d. 1,235,678

Name: _____

Date:

Course: _____

Nyack College

3. FIND THE PRIME FACTORIZATION OF EACH THE FOLLOWING NUMBERS (USING THE "***FACTOR TREE***" METHOD):

a. 126

b. 782

Name: _____

Date:

Course: _____

Nyack College

c. 1080

d. 1183