

## Number Theory

### 1. Answer the following

- a. The square of 2 is \_\_\_\_\_      b. The square of 3 is \_\_\_\_\_  
c. The square of 4 is \_\_\_\_\_      d. The square of 5 is \_\_\_\_\_  
e. The square of 6 is \_\_\_\_\_      f. The square of 7 is \_\_\_\_\_  
g. The square of 8 is \_\_\_\_\_      h. The square of 9 is \_\_\_\_\_  
i. The square of 11 is \_\_\_\_\_      The square of 12 is \_\_\_\_\_

2. Given the numbers 2, 3, 5, 7, 9, 11, 13 and 15, which two are NOT Prime? \_\_\_\_\_ and \_\_\_\_\_

### 3. Write the following numbers in Expanded Form.

- a. 418 \_\_\_\_\_  
b. 705 \_\_\_\_\_  
c. 1923 \_\_\_\_\_  
d. 5416 \_\_\_\_\_  
e. 8054 \_\_\_\_\_  
f. 21634 \_\_\_\_\_  
g. 78395 \_\_\_\_\_  
h. 98712 \_\_\_\_\_

