

NAME: _____ Score _____/10

Please **print** your name**There are questions on the back of this page.****MULTIPLE CHOICE** – Any number of the options may be correct.You are to select (circle) **ALL** that are correct.

1. The number $\sqrt{2}$ is a
 - a. a natural number
 - b. a whole number
 - c. an integer
 - d. a rational number
 - e. an irrational number**
 - f. a real number**
 - g. a complex number**

2. The number -89 is
 - a. a natural number
 - b. a whole number
 - c. an integer**
 - d. a rational number**
 - e. an irrational number
 - f. a real number**
 - g. a complex number**

3. The number $\frac{9}{5}$ is
 - a. a natural number
 - b. a whole number
 - c. an integer
 - d. a rational number**
 - e. an irrational number
 - f. a real number**
 - g. a complex number**

4. The number $7 - 2i$ is
- a. a natural number
 - b. a whole number
 - c. an integer
 - d. a rational number
 - e. an irrational number
 - f. a real number
 - g. a complex number**

FILL-IN-THE-BLANK

5. The point $(3, 2)$ is not on the graph of $y = 3x + xy - 4$, because when x and y are replaced by 3 and 2 respectively, a **FALSE** statement results.