

NAME: _____ Score _____/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION**

1. (1 pt.) The set of _____ Numbers consists of all numbers which can be written as fractions.
2. (1 pt.) An equation is a mathematical statement which contains an _____ symbol.
3. (1 pt.) A conditional equation is an equation which is _____ when some real numbers are substituted for the variables and is _____ when some real numbers are substituted for the variables.
4. (1 pt.) T F Every integer is a rational number.
5. (1 pt.) T F $-7^2 = 49$
6. (1 pt.) T F $-3 - 4 = 12$
7. (2 pts.) Demonstrate your knowledge of “order of operations” by evaluating the following expressions.
 - a. $2 - [(7 - 6) + (9 - 19)]$

b.
$$\frac{(3 - \sqrt{9}) - (5 - 8)}{-3}$$

8. (2 pts.) Calculate the area of a circle with radius 5. I want to see the formula you plan to use and I want an exact answer; not an approximation.