

NAME: _____ Score _____/10

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

For each question after the first I expect you to use the answer to the previous questions. Remember formulas MUST be equations.

1. The formula for the volume of a sphere with radius r _____.
2. T F Every linear function has an inverse.
3. T F Some linear functions have an inverse.
4. T F No linear function has an inverse.
5. T F Every quadratic function has an inverse.
6. T F Some quadratic functions have an inverse.
7. T F No linear function has an inverse.
8. Find the inverse of the function whose rule is $f(x) = 3x - 5$. Just find it, don't bother showing that it works.