Algebra II Class Work 8.1

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: You may use your book, notes, calculator, friends, and teacher. However you may not copy someone else work verbatim. **Show all your work.** If you are not finished at the end of class, write “NEED MORE TIME” at the top and turn your paper in – **you may not take it home.** You have one week to finish it.

If $f\left(x\right)=9x-3$, $g\left(x\right)=2x^{2}+x$, and $h\left(x\right)=\frac{2}{x}$, write the function rule and solve.

1. $(f+g)(x)$
2. $\left(g-f\right)\left(x\right)$
3. $(gh)(x)$
4. $\left(g∘f\right)(x)$