Algebra 2 **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
Graphing Piecewise Functions – More Practice **Date:**

**Directions:** Graph each piecewise function.

1. $f\left(x\right)=\left\{\begin{array}{c}3x-5, x>4\\x, x\leq 4\end{array}\right.$

1. $f\left(x\right)=\left\{\begin{array}{c}6-2x, x\geq 2\\3, x<2\end{array}\right.$

1. $f\left(x\right)=\left\{\begin{array}{c}-2, x<0\\ 3, x\geq 0\end{array}\right.$

1. $f\left(x\right)=\left\{\begin{array}{c}-x+5, x<2\\3x-8, 2\leq x\leq 6\\4, x>6\end{array}\right.$

1. $f\left(x\right)=\left\{\begin{array}{c}-3x+2, x\leq 2\\\frac{1}{2}x-4, x>2\end{array}\right.$

1. $g\left(x\right)=\left\{\begin{array}{c} x+4, x\leq -3\\\frac{2}{3}x-5, -3<x< 0\\\frac{1}{6}x+2, x\geq 0\end{array}\right.$



