1. **Vertical and Horizontal shifts** (assuming $c > 0$)
   
   (a) $y = f(x) + c$ is a shift of $y = f(x)$ $c$ units upwards.
   
   (b) $y = f(x) - c$ is a shift of $y = f(x)$ $c$ units downwards.
   
   (c) $y = f(x - c)$ is a shift of $y = f(x)$ $c$ units to the right.
   
   (d) $y = f(x + c)$ is a shift of $y = f(x)$ $c$ units to the left.

2. **Vertical and Horizontal Stretching and Reflections** (assuming $c > 1$)
   
   (a) $y = cf(x)$, stretch of $y = f(x)$ vertically by a factor of $c$.
   
   (b) $y = \frac{1}{c}f(x)$, shrink the graph vertically by a factor of $c$.
   
   (c) $y = f(cx)$, shrink the graph of $y = f(x)$ horizontally by a factor of $c$.
   
   (d) $y = f\left(\frac{x}{c}\right)$, stretch the graph of $y = f(x)$ horizontally by a factor of $c$.
   
   (e) $y = -f(x)$, reflect $y = f(x)$ about the x-axis.
   
   (f) $y = f(-x)$, reflect $y = f(x)$ about the y-axis.