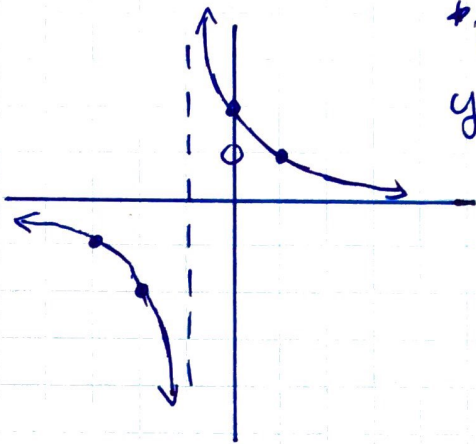


Extra practice Key

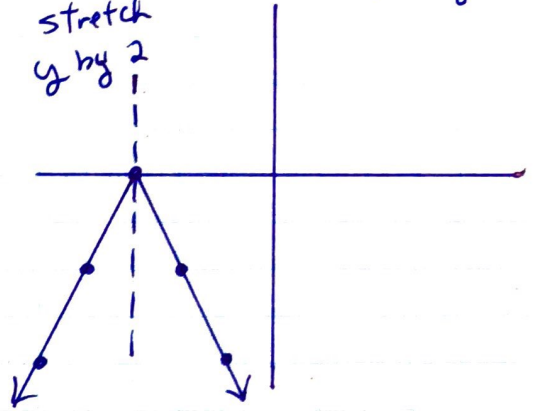
1) $y = \frac{2}{x+1}$ ← out y by 2
 ← left 1



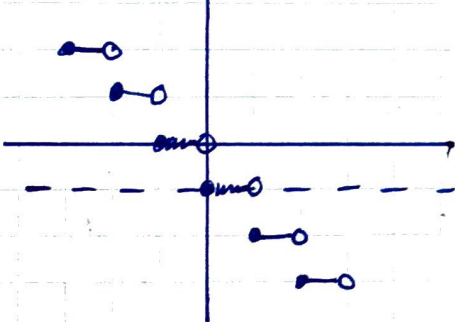
* Rewrite
 $y = 2\left(\frac{1}{x+1}\right)$

reflect over x-axis ↻ +y ↻ -y

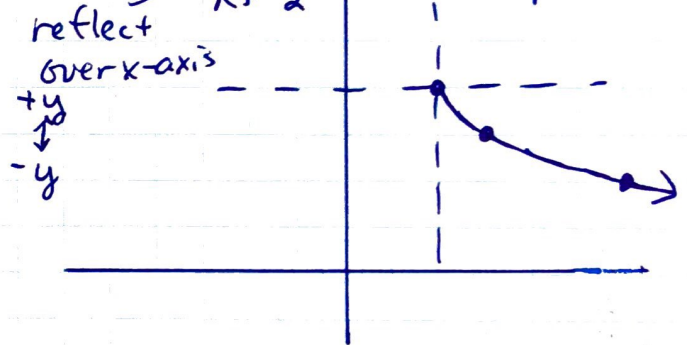
2) $y = -2|x+3|$
 stretch y by 2
 ← In shift left 3



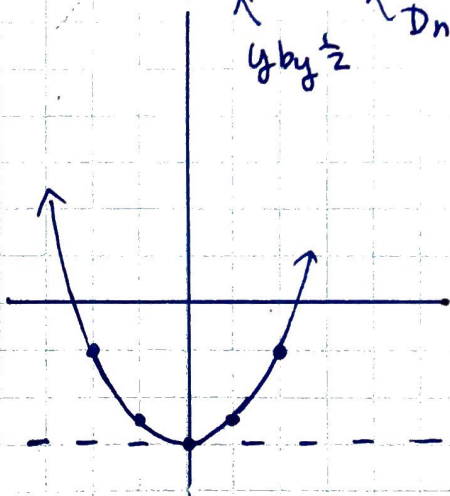
3) $y = -[x] - 1$
 reflect over x-axis ↻ Dn 1



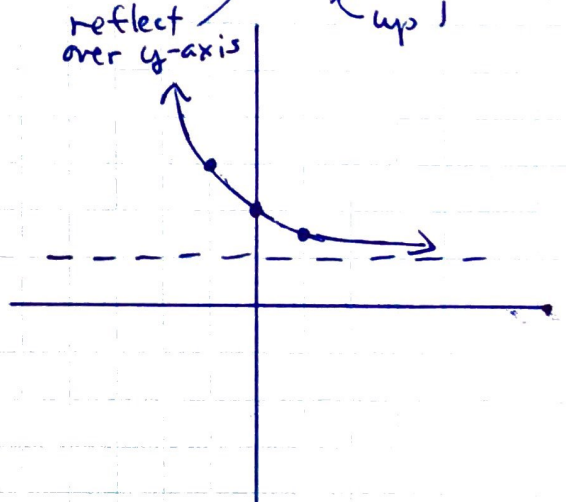
4) $y = -\sqrt{x-2} + 4$
 reflect over x-axis ↻ R+ 2 ↻ up 4



5) $f(x) = \frac{1}{2}x^2 - 3$
 y by 1/2 ↻ Dn 3



6) $f(x) = 2^{-x} + 1$
 reflect over y-axis ↻ up 1



7) $f(x) = 3[x] - 1$

8) $f(x) = 2(x+2)^3$