

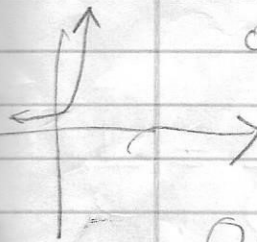
b) decay b/c $0 < \left|\frac{1}{2}\right| < 1$
right 3

c) growth b/c $\left|\frac{5}{2}\right| > 1$

Transformations

$$y = a \cdot b^{x \pm h} \pm k$$

if ^{leading} negative, then not growth
or decay



$a > 1$ vertical stretch (skinner)

$0 < a < 1$ vertically compress



exponent $(x \pm h)$

if $(x-h)$ shift to right
"h" units

if $(x+h)$ shift to left
"h" units