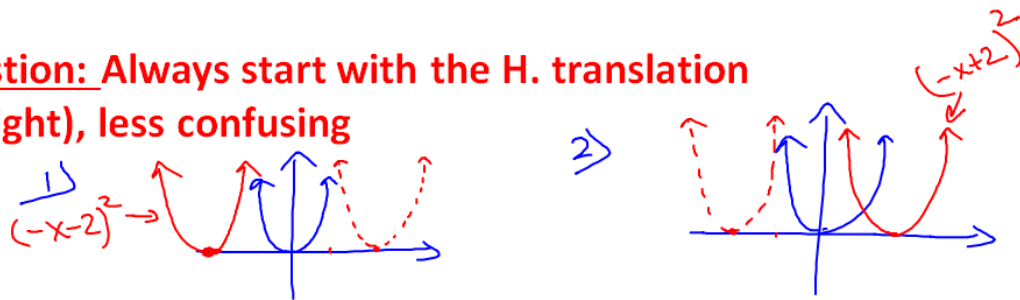


Tuesday 10/24/2017

- Compare the transformations of the following functions then sketch their graph

- $(-x - 2)^2$ Reflection over y-axis, 2 to the right
- $(-x + 2)^2$ Reflection over y-axis, 2 L

Suggestion: Always start with the H. translation (left, right), less confusing



Reflection over y-axis.

$h > 0 \rightarrow$
 $h < 0 \leftarrow$

$$a f(-x - h) + k$$

$a < 0$ Reflection over x-axis

$k > 0 \uparrow$
 $k < 0 \downarrow$

$0 < a < 1$ v. shrink

$a > 1$ v. stretch