

ponential
 b^x
 $x \pm h$ $(\pm k)$

Logarithmic
 $y = \log(x \pm h) \pm k$

Radical

$y = \sqrt{x}$

$y = a\sqrt{x \pm h} \pm k$

What is under
the radical
 $x \pm h \geq 0$

What is in
paranthesis
 $x \pm h > 0$
 $(,)$

$[, \infty)$

Refle
x

Refle
 $y = 0$

function
 $(-\infty, \infty)$
value $(0, \infty)$

$(-\infty, \infty)$

k value

X =

none

+k
-k

$a > 1$ stretch

$0 < a < 1$ compress

$(x+h)$
 $(x-h)$

L $(x+h)$
R $(x-h)$

L $(x+h)$
R $(x-h)$