Name_____ #___

Use different colors to graph the following rules:

$y = x$ purple

$y = x + 2$ blue

$y = (x - 3)$ yellow

$y = (x - 3) + 2$ green

$y = |x|$

$y = |x| + 2$

$y = |x-3|$

$y = |x-3| + 2$

$y = x^2$

$y = x^2 + 2$

$y = (x-3)^2$

$y = (x-3)^2 + 2$

$y = \sqrt{x}$

$y = \sqrt{x} + 2$

$y = \sqrt{x-3}$

$y = \sqrt{x-3} + 2$