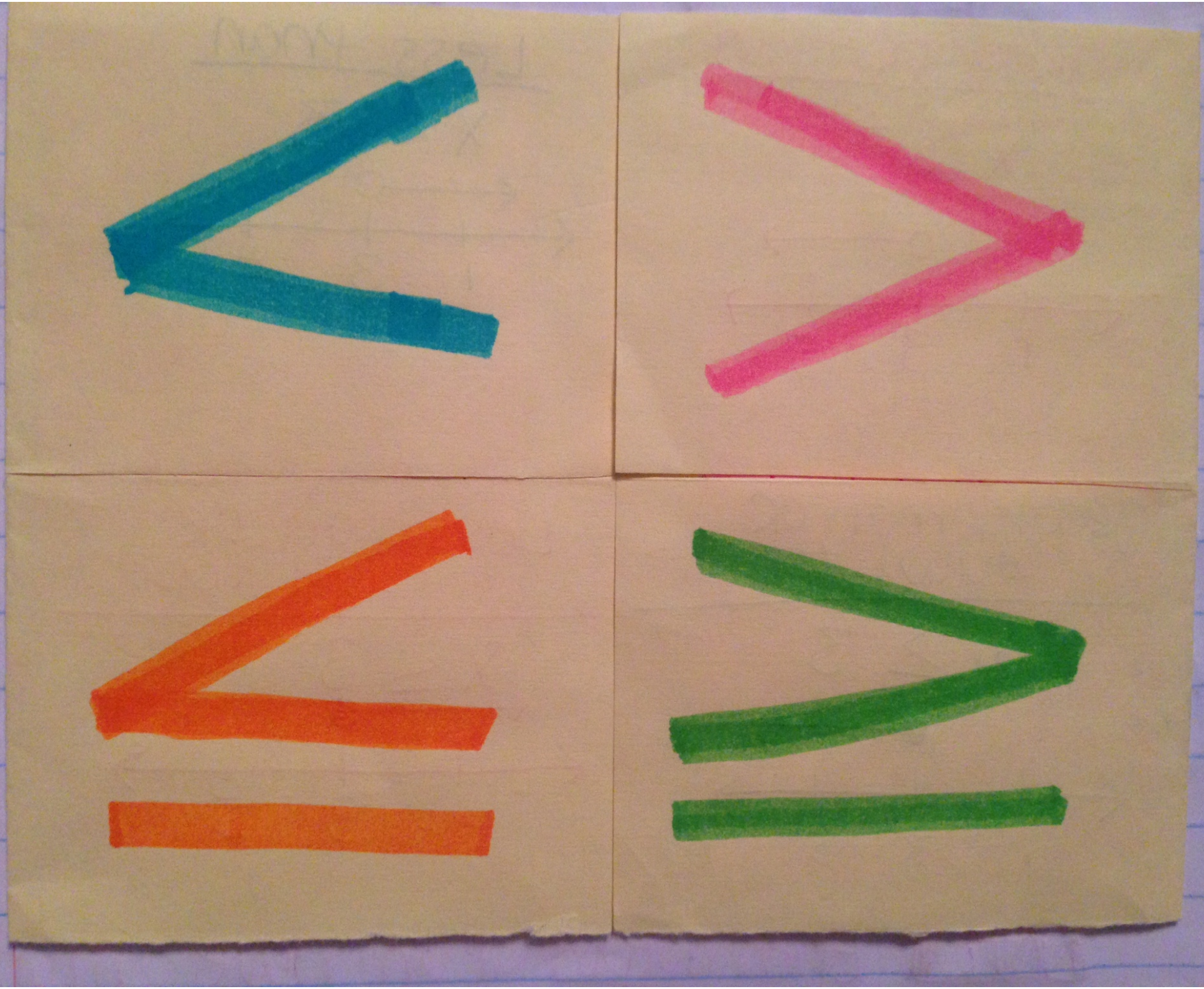
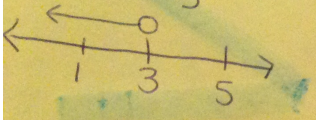


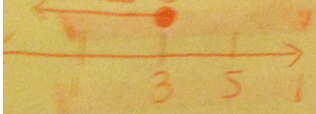
Less than

$x < 3$



Less than or equal too

$x \leq 3$



What is proper form?

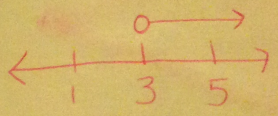
This goes for both equations & inequalities.

The only difference between equations & inequalities is sign flipping.

When do I flip the sign?

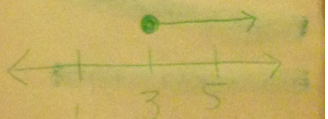
greater than

$x > 3$



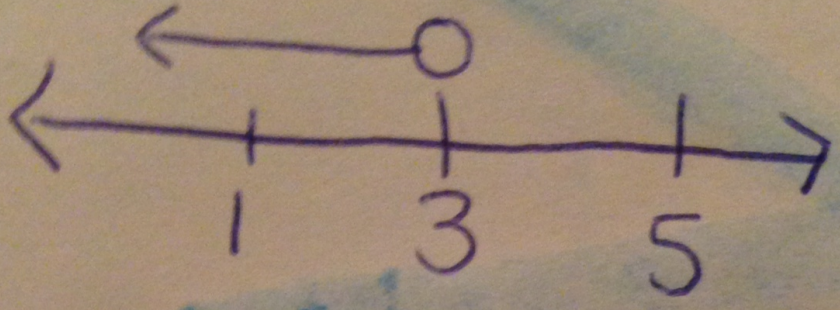
greater than or equal too

$x \geq 3$



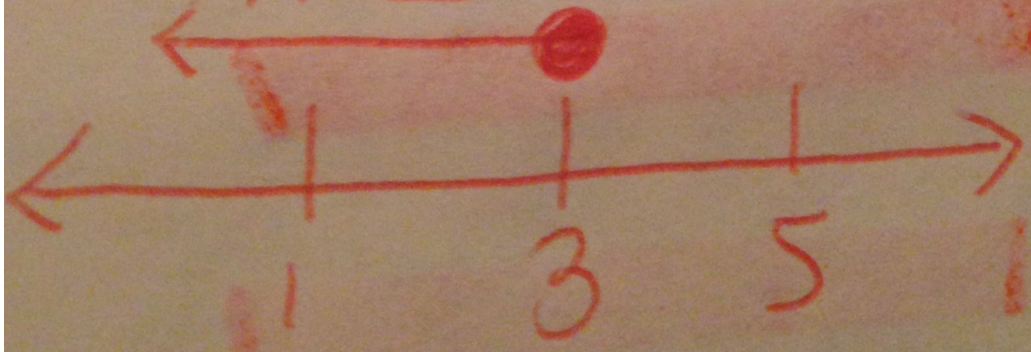
Less than

$x < 3$



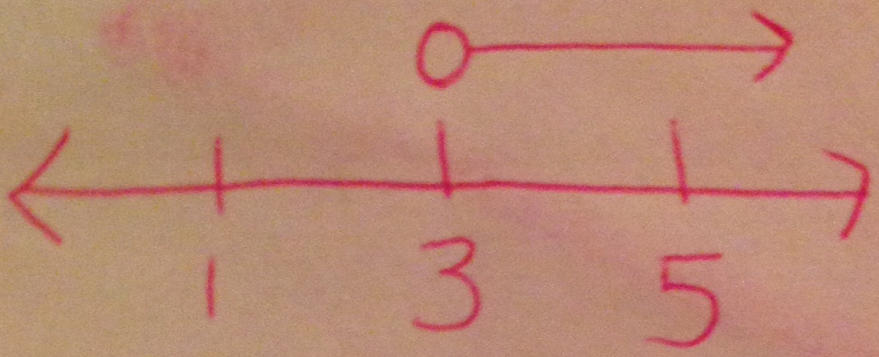
Less than or equal too

$x \leq 3$



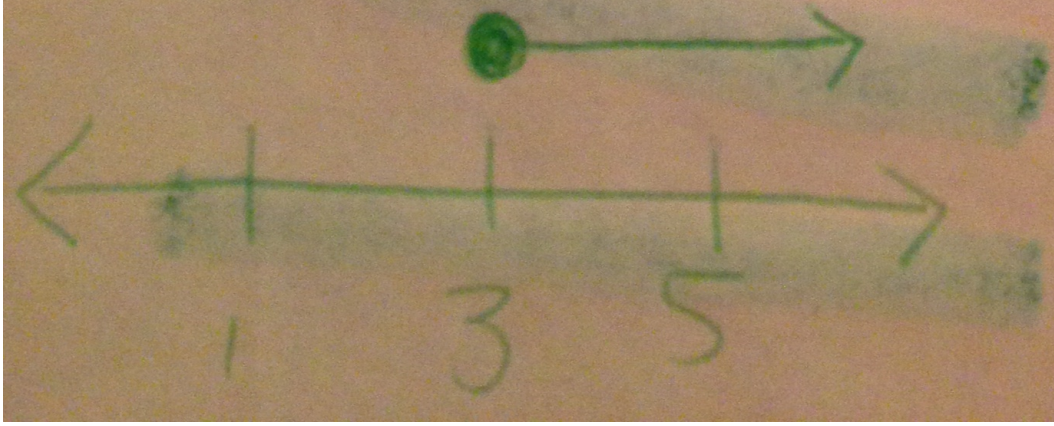
greater than

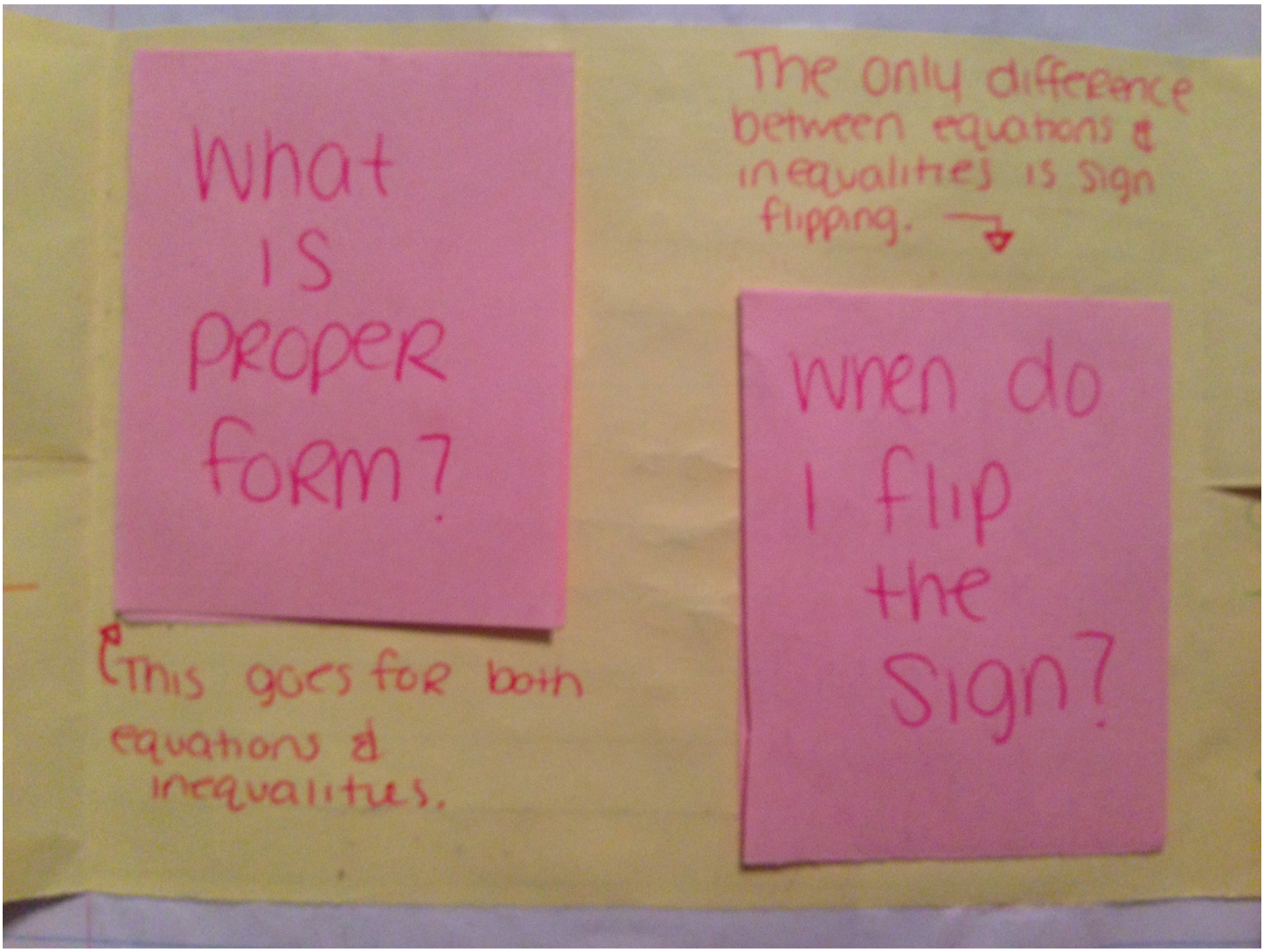
$x > 3$



greaterthan OR equal too

$x \geq 3$

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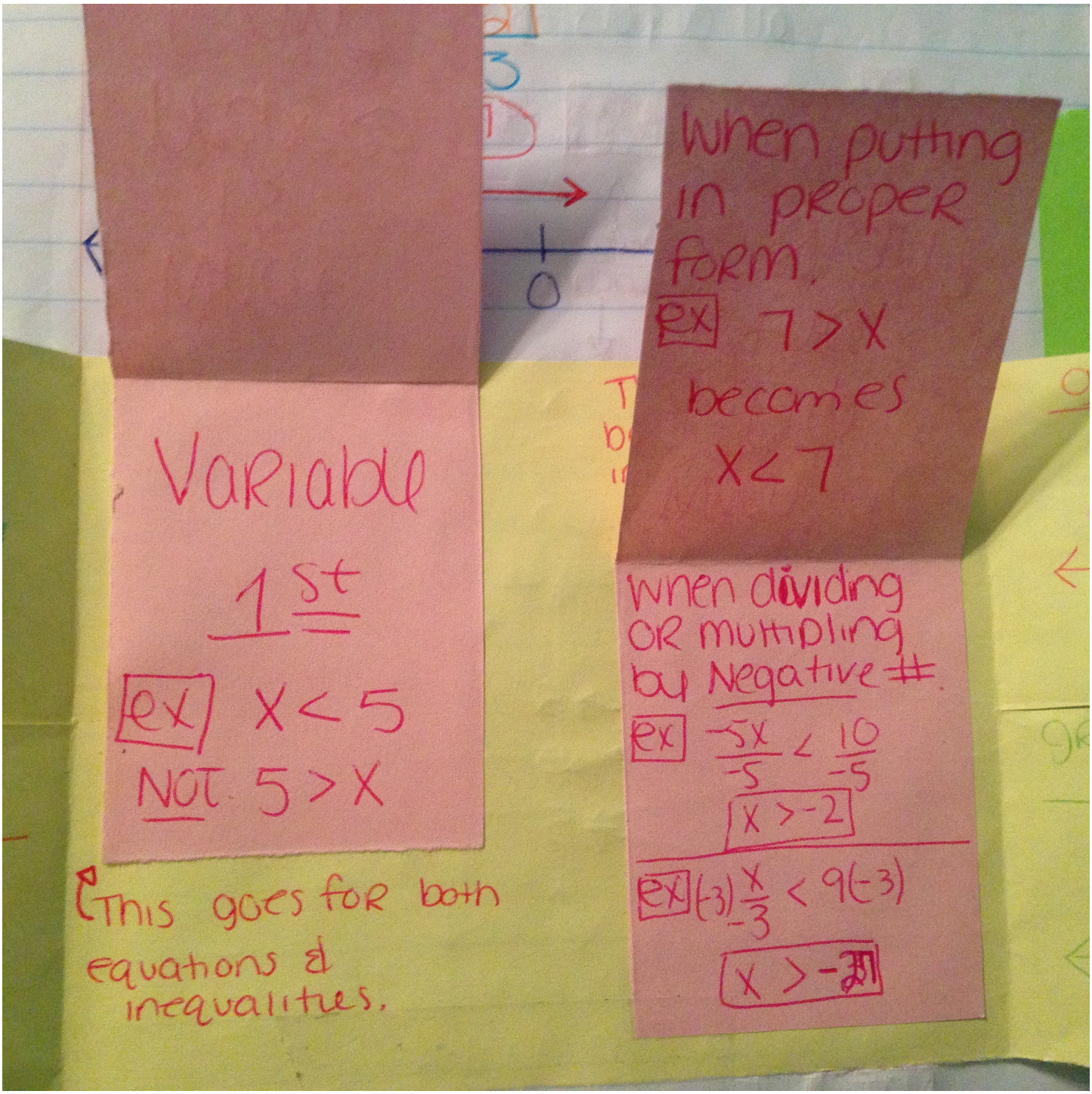
Variable
1st
ex $x < 5$
NOT $5 > x$
This goes for both equations & inequalities.
When putting in proper form.
ex $7 > x$
becomes
$x < 7$
When dividing OR multiplying by Negative #.
ex $\frac{-5x}{-5} < \frac{10}{-5}$
$x > -2$
ex $(-3)\frac{x}{-3} < 9(-3)$
$x > -27$