Part 4: Match each equation to its graph below.
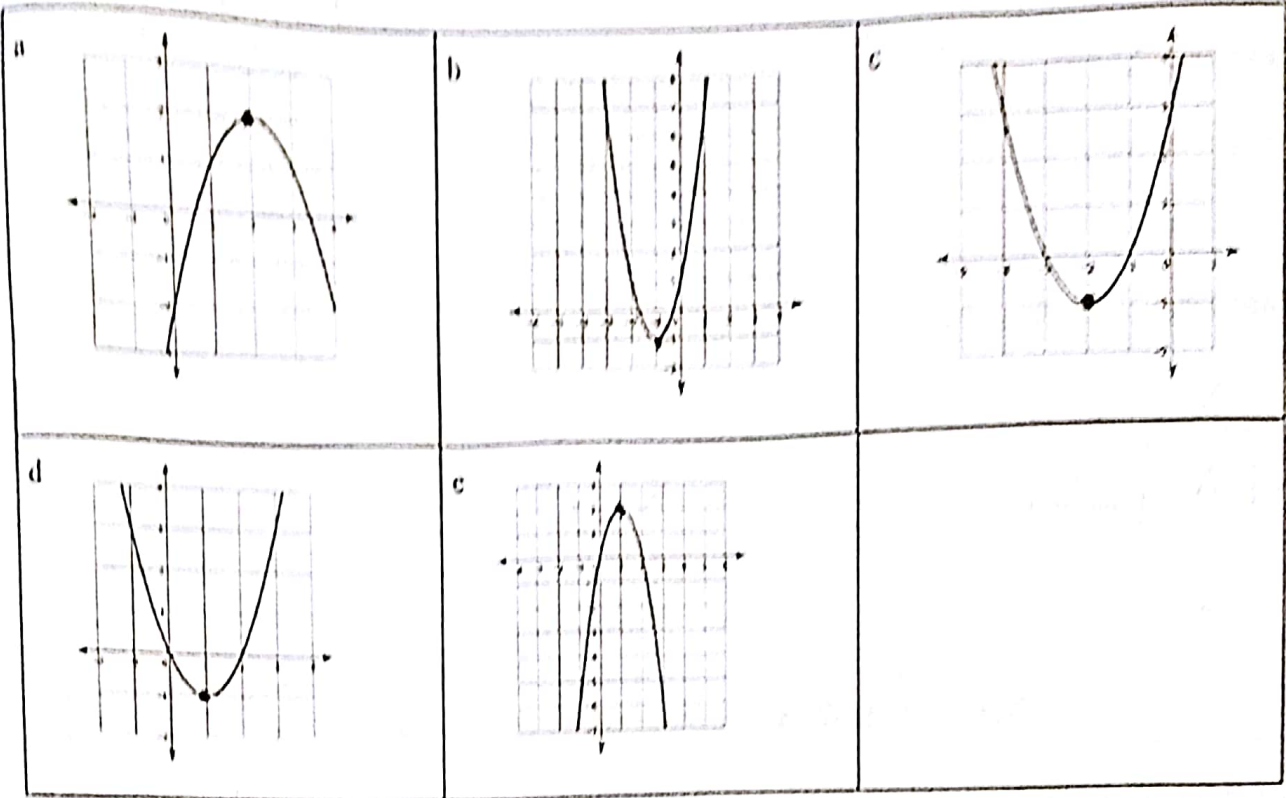
_C_ 18. $y = (x + 2)^2 - 1$

_A_ 19. $y = (x - 2)^2 + 2$

_E_ 22. $y = -2(x - 1)^2 + 2$

_b_ 20. $y = 2(x + 1)^2 - 1$

_D_ 21. $y = (x - 1)^2 - 1$

Day 3 Hw: Intercept form and Standard form
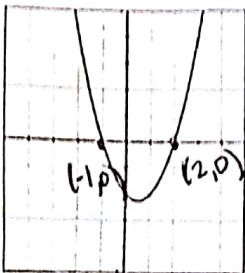
Part 1: Match each parabola with its graph below.
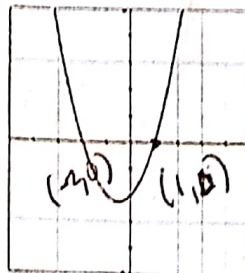
_a_ 1) $y = (x + 1)(x - 2)$

_C_ 2) $y = -(x - 1)(x - 2)$

_d_ 3) $y = -(x + 1)(x + 2)$
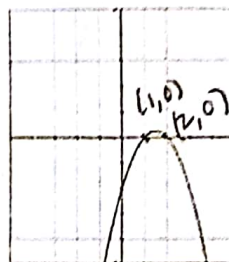
_b_ 4) $y = (x + 2)(x - 1)$

a.   b.   c.   d.

Math 2 Honors

Part 2: Find the equivalent standard form equations for the intercept form equations below.

5) $y = (x + 1)(x - 2)$

×	x	-2
$+1$	x^2	$-2x$
	$+x$	-2

Standard form: $x^2 - x - 2 = y$

2) $y = -(x - 1)(x - 2)$

	x	-2
$-x$	$-x^2$	$+2x$
$+1$	$+x$	-2

Standard form: $y = -x^2 + 3x - 2$

3) $y = -(x + 1)(x + 2)$

Standard form: $y = -x^2 - 3x - 2$

	$-x$	-1
x	$-x^2$	$-x$
$+2$	$-2x$	-2

4) $y = (x + 2)(x - 1)$

Standard form: $x^2 - x - 2 = y$

	x	$+2$
x	x^2	$+2x$
-1	$-x$	-2