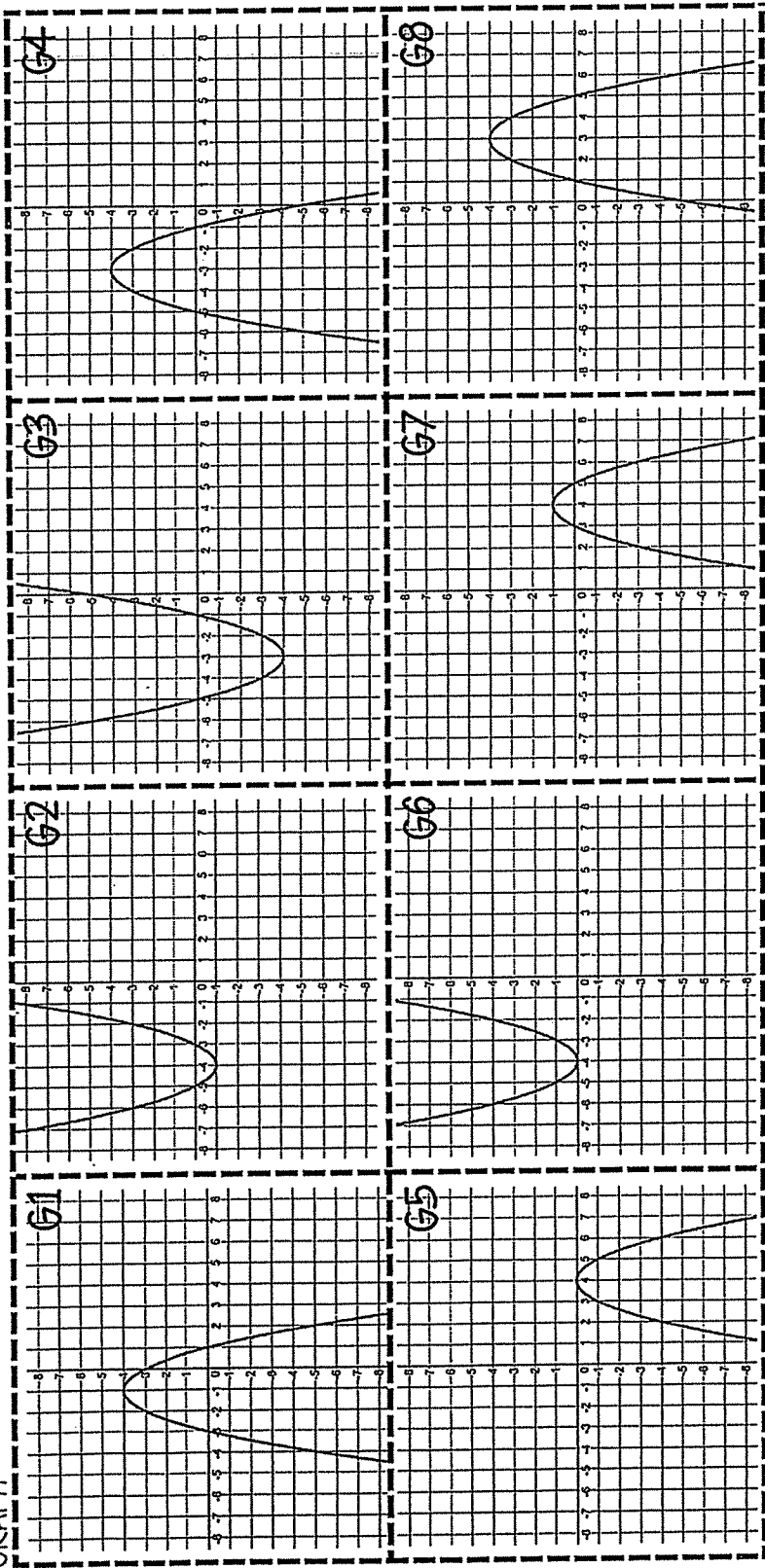


GRAPH



STANDARD FORM OF EQUATION

A	$f(x) = -x^2 - 6x - 5$	B	$f(x) = -x^2 + 6x - 5$	C	$f(x) = x^2 + 6x + 5$	D	$f(x) = -x^2 - 2x + 3$
E	$f(x) = x^2 + 8x + 16$	F	$f(x) = -x^2 + 8x - 16$	G	$f(x) = x^2 + 8x + 15$	H	$f(x) = -x^2 + 8x - 15$

VERTEX

I	$(-1, 4)$	J	$(-3, -4)$	K	$(-4, 0)$	L	$(-4, -1)$	M	$(4, 1)$	N	$(-3, 4)$	O	$(3, 4)$	P	$(4, 0)$
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ZEROS

Q	$(-5, 0)$	R	$(-4, 0)$	S	$(-3, 0)$	T	$(-1, 0)$
U	$(1, 0)$	V	$(3, 0)$	W	$(4, 0)$	X	$(5, 0)$

CHARACTERISTICS OF QUADRATIC FUNCTIONS

1. $f(x) = -(x-3)^2 + 4$	2. $f(x) = (x+4)^2$	3. $f(x) = -(x+1)^2 + 4$	4. $f(x) = -(x-4)^2$
GRAPH	GRAPH	GRAPH	GRAPH
STANDARD FORM OF EQUATION	STANDARD FORM OF EQUATION	STANDARD FORM OF EQUATION	STANDARD FORM OF EQUATION
VERTEX MAX / MIN	VERTEX MAX / MIN	VERTEX MAX / MIN	VERTEX MAX / MIN
ZEROS	ZEROS	ZEROS	ZEROS
5. $f(x) = (x+3)^2 - 4$	6. $f(x) = -(x+3)^2 + 4$	7. $f(x) = -(x-4)^2 + 1$	8. $f(x) = (x+4)^2 - 1$
GRAPH	GRAPH	GRAPH	GRAPH
STANDARD FORM OF EQUATION	STANDARD FORM OF EQUATION	STANDARD FORM OF EQUATION	STANDARD FORM OF EQUATION
VERTEX MAX / MIN	VERTEX MAX / MIN	VERTEX MAX / MIN	VERTEX MAX / MIN
ZEROS	ZEROS	ZEROS	ZEROS