

EQUATIONS:

SLOPE-INTERCEPT FORM

$$y = mx + b$$
$$(y = 3x + 2)$$

VERTICAL LINE

$$x = c$$
$$(x = 4)$$

STANDARD FORM

$$Ax + By = C$$
$$(3x + 2y = -12)$$

CIRCLES

$$(x-h)^2 + (y-k)^2 = r^2$$
$$((x-3)^2 + (y+4)^2 = 5^2)$$

HORIZONTAL LINES

$$y = c$$
$$(y = -2)$$

NON-FUNCTIONS

- THERE EXIST INPUTS THAT HAVE MORE THAN 1 OUTPUT
- GRAPHS OF THESE WOULDN'T PASS THE VLT.

FUNCTIONS

EACH INPUT HAS EXACTLY 1 OUTPUT