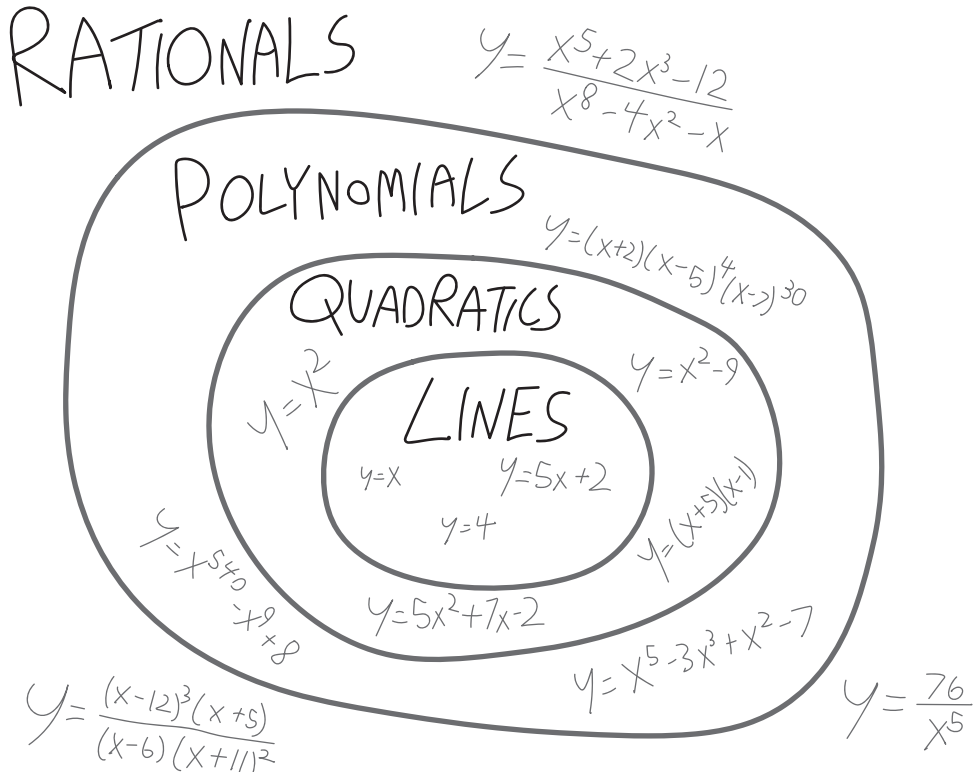
RATIONALS
$y=\frac{x^5+2x^3-12}{x^8-4x^2-x}$
POLYNOMIALS
$y=(x+2)(x-5)^4(x-1)^{30}$
QUADRATICS
$y=x^2$
$y=x^2-9$
LINES
$y=x$
$y=5x+2$
$y=4$
$y=(x+5)(x-1)$
$y=5x^2+7x-2$
$y=x^5+5$
$y=x^5-3x^3+x^2-7$
$y=\frac{(x-12)^3(x+5)}{(x-6)(x+11)^2}$
$y=\frac{76}{x^5}$