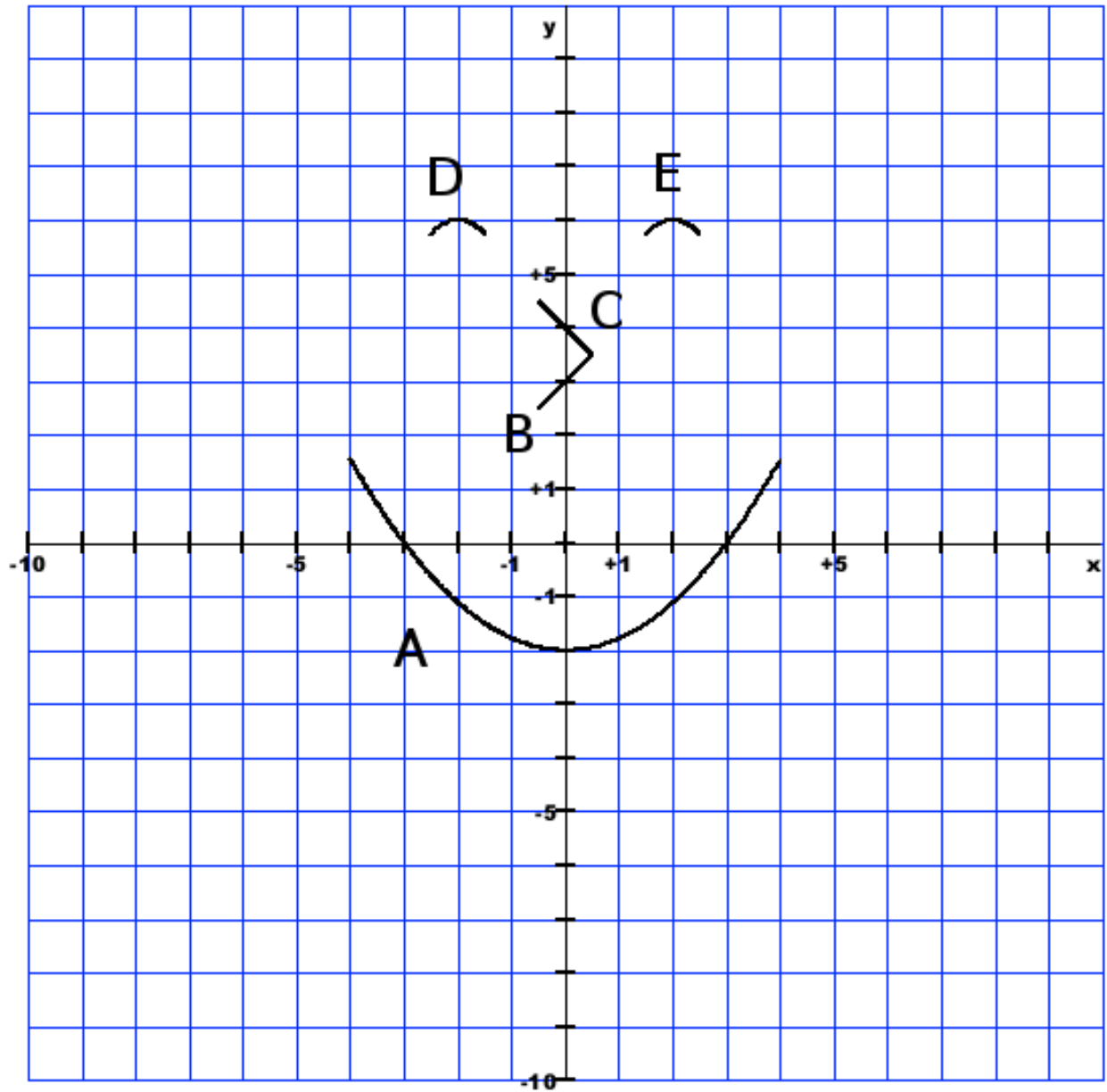# Pure Math 20 Quadratic, Polynomial and Nonlinear Functions Pre-Project Example

We will use these sheets to:
- Show how to enter your equations into the Function Art Program

Pre-Project Example – Function Art Program

For each curve in the sample picture:
- List the minimum and maximum values of the domain
- Write the equation
- Write the equation how it should be entered into the Function Art program

When entering your equation into the Function Art program you must:
- Only write the right side of the equation (do not write "$y =$ ")
- Use the * symbol for multiplication (Instead of " $3x$ " you must write " $3*x$ ")
- Use the ^ symbol for exponents (instead of " x^2 " you must write " x^2 ")
- Follow the equation with the domain minimum value and the domain maximum value, separated by semicolons (;).

Letter of Curve	Domain Minimum	Domain Maximum	Equation of Curve	Equation and Domain for Function Art Program
B	-0.5	0.5	$y = x + 3$	x + 3 ; -0.5 ; 0.5