

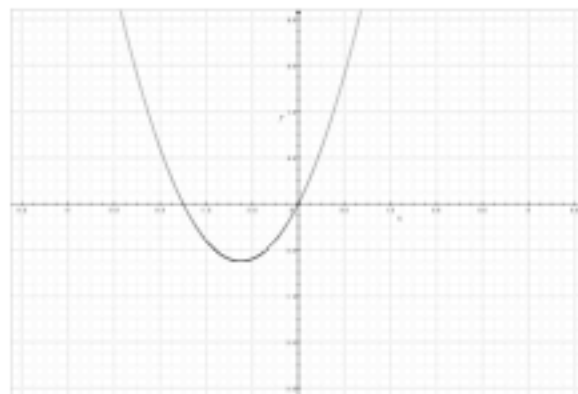
The area of a circle of radius  $r$

$$f(x) = (x + 1)^2 - 1$$

$$x + y = 1$$

The relationship between demand for oil and the price of oil

$$G(t) = t(t + 2)$$



$r$	1	2	3	4	5
$A$	$\pi$	$4\pi$	$9\pi$	$16\pi$	$25\pi$