9. $f(x) = x^3 - 27x \quad [0,5]$

① $f'(x) = 3x^2 - 27$

② $3x^2 - 27 = 0$

$3x^2 = 27$

$x^2 = 9$

$x = \pm\sqrt{9}$

$x = \pm 3$

~~$x = -3$~~ $\quad x = 3$

③

$x = 0$	$x = 3$	$x = 5$
$y = x^3 - 27x$	$y = x^3 - 27x$	$y = x^3 - 27x$
$y = 0$	$y = -54$	$y = -10$

ABS MIN: $(3, -54)$

ABS MAX: $(0, 0)$