

5e)

$$y = 2x^2 - x$$

$$g(x) = 2x^2 - x$$

Consider $g(-x)$

$$= 2(-x)^2 - (-x)$$

$$= 2x^2 + x$$

Now, $-g(x)$

$$= -(2x^2 - x)$$

$$= -2x^2 + x$$

even
 $f(-x) = f(x)$

since $2x^2 - x$
is not same as
 $2x^2 + x$,
 $g(x)$ is not even

odd
 $f(-x) = -f(x)$

Since $2x^2 + x \neq -2x^2 + x$
 $g(x)$ is not odd

neither

Thus, g is neither
even nor odd.