

7(a)

$$\begin{aligned} f(-x) &= (-x)^2 + (-x) \\ &= x^2 - x \end{aligned}$$

It is odd

b)

$$f(-x) = \frac{-3}{(-x) - 5} = \frac{-3}{-x - 5}$$

$$= \frac{3}{x + 5}$$

It is odd