

$$a) (4m^2 + 4m - 5) + (2m^2 - 2m + 1)$$

$$4m^2 + 2m^2 + 4m - 2m - 5 + 1$$

$$\boxed{6m^2 + 2m - 4}$$

$$g) (6 - 7x + x^2) + (6x - 6x^2 + 10)$$

$$x^2 - 6x^2 - 7x + 6x + 6 + 10$$

$$\boxed{-5x^2 - x + 16}$$