

$$* \left( -6m^5n^2 + 4m^3n - 5n \right) + \left( 7mn^2 + 5m^3n + 2m \right)$$

$$-6m^5n^2 + \underbrace{4m^3n}_{+5m^3n} - 5n + 7mn^2 + \underbrace{2m}_{+2m}$$

$$-6m^5n^2 + 9m^3n - 5n + 7mn^2 + 2m$$