

Pg 237- Mid unit Review.

→ Work on adding and subtracting polynomial sheet.

$$\textcircled{1} (5p^2 - 3) + (2p^2 - 3p^3)$$

$$\rightarrow 5p^2 - 3 + 2p^2 - 3p^3$$

$$\rightarrow -3p^3 + 5p^2 + 2p^2 - 3$$

$$\boxed{-3p^3 + 7p^2 - 3}$$

Group like terms

Same variable same exponent.

Adding +
Subtracting
like terms
w/ + and -
coefficients

$$\textcircled{2} (a^3 - 2a^2) - (3a^2 - 4a^3)$$

$$a^3 - 2a^2 - (3a^2) - (-4a^3)$$

$$\cancel{1}a^3 - 2a^2 - 3a^2 + \cancel{4}a^3$$

$$1a^3 + 4a^3 - 2a^2 - 3a^2$$

$$5a^3 - 5a^2$$