

Review - Like Terms

Like terms have the same variables with the same exponents.

Like $5x$ and $7x$ $2y^2$ and $-3y^2$ 8 and -5 Not Like $5x$ and $7x^2$ 2 and $-3y^2$

Ex. Collect like terms and simplify.

$$\begin{aligned} \text{a) } & 2x + 4 + 5x - 2 \\ & = 2x + 5x + 4 - 2 \\ & = 7x + 2 \end{aligned}$$

$$\begin{aligned} \text{b) } & 3x^2 - 4x + 7x - 5x^2 \\ & = 3x^2 - 5x^2 - 4x + 7x \\ & = -2x^2 + 3x \end{aligned}$$