

combining like terms



Like Terms:

"Like terms" are terms whose variables are the same.

In other words, terms that are "like" each other. e.g. $4x - 2x$

Like terms can be added together to make one term: $\rightarrow 4x - 2x = 2x$

combine like terms exercise 1

Combine the like terms to make a simpler expression:

a) $4x - 2 + 8x - 11 =$ _____

b) $8y - 3x - 8y + 7x =$ _____

c) $2x - 4y + 8z - 8x + 2y =$ _____

combine like terms exercise 2

a) $0,5x - 3,2x + 0,9x =$ _____

b) $4,5x - 2,8y - 1,9x - 2,6y =$ _____

c) $10,7x - 4,8 + 0,8y - 5,2x - 8,8y =$ _____

combine like terms exercise 3

a) $6x^2 - 5x^3 - 7x =$ _____

b) $8y^2 - 2y^3 - y + 3y^2 - 7y =$ _____

c) $-2y^3 + y^2 - 2y^3 - 3y - 4y^2 =$ _____

combine like terms exercise 4

a) $\frac{1}{4}y^2 + \frac{3}{8}y - \frac{2}{4}y^2 - \frac{6}{8}y =$ _____

b) $-0,25x^2 + \frac{3}{5}x + \frac{1}{4}x^2 - 0,2x =$ _____

c) $-4,25x^2 + 4\frac{1}{5}x + 2\frac{1}{4}x^2 - 2,4x =$ _____