

Name _____

Date _____

Combine Like Terms and Expand Terms- Step-by-Step Lesson

Combine the Like Terms and Expand Terms Problem:

$$9xy + 4x^2y + 4xy + 3x^2y$$



Explanation:

$$9xy + 4x^2y + 4xy + 3x^2y$$

Note the terms that are alike.

We see two common terms: a) x^2y b) xy

$$9xy + 4x^2y + 4xy + 3x^2y \quad \text{Put the like parts together.}$$

$$(9xy + 4xy) (4x^2y + 3x^2y) \quad \text{Combine them by adding.}$$

$$13xy + 7x^2y$$

