

Recognizing Like and Unlike Terms

From the video:

A. A term is the part of an expression that is separated by an _____
or _____ sign.

B. Like terms have the same _____ and the same _____.

C. Examples of **like** terms from the video:

1. _____ and _____

2. _____ and _____

3. _____ and _____

Examples of **unlike** terms from the video:

1. _____ and _____ and _____

2. _____ and _____

C. Simplify the expression by combining like terms:

$$3y^2 + 4y + y^2 + -5y = \underline{\hspace{2cm}}$$

On your own:

D. Match like terms.

____ 1. $6x^2$

____ 2. $3xy$

____ 3. $-5x$

____ 4. y

____ 5. $-5x^2y$

____ 6. 2

a. x^2y

b. 12

c. $15x$

d. $2y$

e. $-3x^2$

f. $-yx$



E. Circle the terms in each group that can be added.

7. $2x^2$ x^3 x^2 y^3 $3x$

8. n $3n$ a^3 $6n$ $5a^2$

9. y^3 $12y^2$ $4x$ $2x$ y

10. 5 $2n^4$ $6a^2$ 6 n^4

11. y $5y^4$ $5xy$ $3y^4$ $-y^4$

12. $8a^3$ $5a^3$ a^3 n^3 $2n^2$