

Sep 22-9:41 PM

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Literal Coefficients are variables (letters) that represent unknown numbers.

Numerical coefficients are numbers

Terms are made up of numerical and literal coefficients

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TASK 1 & 2

Like Terms

Terms with <u>identical</u> **literal coefficients** are **like terms**.

EXAMPLE:

y, 3y, -2y are like terms

x, -2g, 3k are not like terms

Basically the variable has to be the same.

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Like Terms



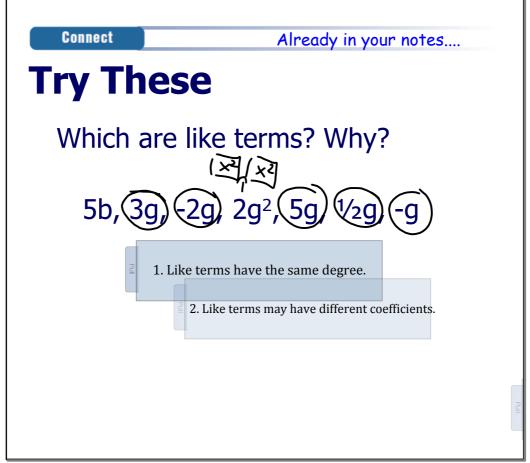
Also the variable needs to be the **same power** to be like terms

Example:

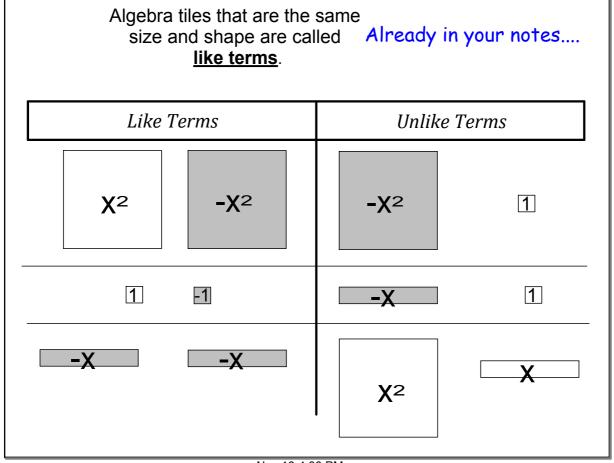
y², -2y², 45y² are like terms

y, -20y², 5y³ are not like terms

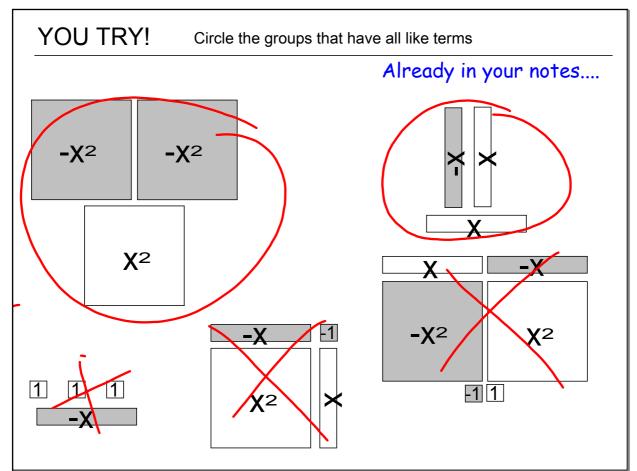
The exponent has to be the same number.



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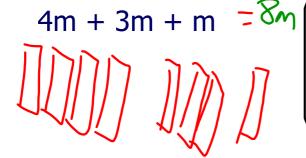
Nov 16-4:30 PM







Combining Like Terms



There are three variables which are like terms therefore we simply add them like we would if they were numbers.

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Combining Like Terms

There are five variables which are like terms therefore we simply add them like we would if they were numbers.

$$k + k + k + k + k = \int$$

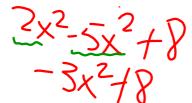
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Combining Like Terms

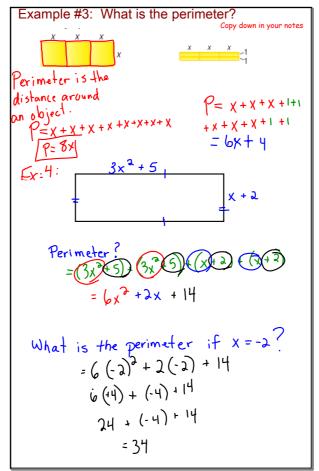
$$2x^2 + 8 - 5x^2$$



Rearrange the variables so that all like terms are side by side

notice that the sign in front of the number came with the number

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Feb 8-11:26 AM