

Warm-Up December 12, 2019

Collect like terms

Group and Simplify the following. Classify the polynomial in your final answer.

Question $2x^2 - x + 7 - 5x^2 - 5x - 10$

Group $(2x^2 - 5x^2) - 1x - 5x + 7 - 10$ $-10 + 7$

Simplify $-3x^2 - 6x - 3$ Trinomial

Model the question $2x^2 - 1x + 7 - 5x^2 - 5x - 10$



Model simplified Answers



① question $4x - 2x^2 - |x - 3 - 4x^2 - 6$

② Group $-2x^2 - 4x^2 + 4x - 1x \boxed{-3 - 6}$

[descending order]

③ Simplify $-6x^2 + 3x - 9$

Simplifying polynomials with more than one variable...



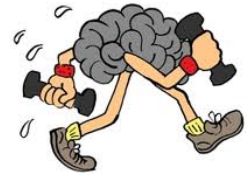
Question $4xy - 1y^2 - 3x + 2xy - 1x - 3y^2$

Group $4xy + 2xy - 1y^2 - 3y^2 - 3x - 1x$

Simplify $6xy - 4y^2 - 4x$
 $-4y^2 + 6xy - 4x$

Group then simplify

↳ Group like terms



A. $-3rs + 4r^2 - 8sr + 3s - 10r^2 - 7s$

Group $4r^2 - 10r^2 - 3rs - 8rs + 3s - 7s$

Simplify $-6r^2 - 11rs - 4s$

Quiz tomorrow based on the following

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#6

#7

#8... sketch the tiles combining like terms...then simplify
[by crossing out] write the simplified polynomial.

#9... write the polynomial in descending order..then write
the simplified polynomial... then find the equivalent

#10

#11...DO NOT DRAW ALGEBRA TILES

1. write the polynomial
2. group like terms [descending order]
3. write the simplified polynomial

#12 all

1. write the polynomial
2. group like terms [descending order]
3. write the simplified polynomial

#13 A,C,E

14 all

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Answer