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Pre-Algebra

Lesson 3.2

Solving Equations Having
Like Terms and Parentheses

Goal: to solve equations using the distributive property.

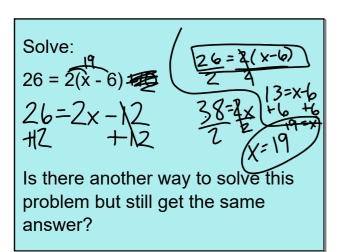
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The cheerleaders are going to buy materials for the football game this week. They want a banner that is \$47. They also want to give out small items to those in the stands.

Pompoms are \$5.20 each and noisemakers cost \$.80 each. Their budget is \$375 for the game. If they buy equal numbers of pompoms and noisemakers, how many can they afford to buy?

Solve:

-3(8-4x) = 12

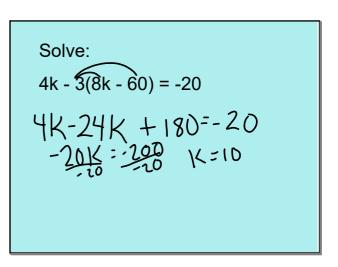


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Solve:

$$5 + 2(x-2) = 19$$

 $5 + 2x-4 = 19$
 $1 + 2x = 19$
 $2x = 18$
 $1 + 2x = 19$
 $1 + 2x = 19$
 $1 + 2x = 19$
 $1 + 2x = 19$



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The figure below has a total area of 29 square units. Find the value of x. A = B + 5 mall A = 2 by + 1/2 by $A = 2 \text{ by } + 1/2 \text{ b$

Hwk:

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