

## Combining Like Terms

## Algebra

What Did The Acorn Say When

Acc  
# 75

It Grew Up?



A.  $-8x - (3 - 2x) - 2(4x + 1) - 4(-2x - 4)$   
 $-8x - 3 + 2x - 8x - 2 + 8x + 16$   
 $-6x + 11$

M.  $-10x - 3 + 2(5 + 6x) - 9x - 3 - (1 - x)$   
 $-10x - 3 + 10 + 12x - 9x - 3 - 1 + x$   
 $-6x + 3$

B.  $4(-2x - 7) + 6x - 7 - 2(3x - 2) + 3(-2x - 2)$   
 $8x + 28 + 6x - 7 - 6x + 4 - 6x - 6$   
 $2x + 19$

N.  $9 - 3(-4 + 3x) + 12x - 4 - (-3x - 3) - x$   
 $9 + 12 - 9x + 12x - 4 + 3x + 3 - x$   
 $5x + 20$

C.  $6(-5x + 1) - 3(4x - 2) - 5x - 5 + 5(-3x - 2)$   
 $-30x + 6 - 12x + 6 - 5x - 5 - 15x - 10$   
 $-62x - 3$

O.  $7 - 4(-2x - 4) - (7x + 1) - 4x - 6 - (-4 - x)$   
 $7 + 8x + 16 - 7x - 1 - 4x - 6 + 4 + x$   
 $-2x + 20$

D.  $-5 + (-3x + 2) - 5x - 2(9 - 2x) + 6x - 3$   
 $-5 - 3x + 2 - 5x - 18 + 4x + 6x - 3$   
 $2x - 24$

R.  $3(-x - 5) - 4 - 2(x + 6) - 4x + 5 - 3(-5 - x)$   
 $-3x - 15 - 4 - 2x - 12 - 4x + 5 + 15 + 3x$   
 $-6x - 11$

E.  $-5(2 - x) + 4(3 - x) - 2x + 1 - x + 4(-2x - 4)$   
 $-10 + 5x + 12 - 4x - 2x + 1 - x - 8x - 16$   
 $-10x - 13$

S.  $9 - 3(-2x + 8) - 5x + 2(3x + 3) + 2(-6 + x)$   
 $9 + 6x - 24 - 5x + 6x + 6 - 12 + 2x$   
 $9x - 21$

G.  $-11 - 5(-2x + 4) - 2 + (x - 3) + 4(-4 - x)$   
 $-11 + 10x - 20 - x + x - 3 - 16 - 4x$   
 $7x - 52$

T.  $7x - 2(4 - 2x) + 6(5 - x) - x + 2 - (6x + 5)$   
 $7x - 18 + 4x + 30 - 6x - x + 2 - 6x - 5$   
 $-2x + 19$

L.  $-2x + 5 - 4(5 - 2x) + 3x - (9 - 5x) + 4$   
 $-2x + 5 - 20 + 8x + 3x - 9 + 5x + 4$   
 $14x - 20$

Y.  $9 - (-2 - 3x) + 4(-x + 6) - x + 12 - 3(2x - 3)$   
 $9 + 2 + 3x - 4x + 24 - x + 12 - 6x + 9$   
 $-8x + 56$

<u>G</u>	<u>E</u>	<u>O</u>	<u>M</u>	<u>E</u>	<u>T</u>	<u>R</u>	<u>Y</u>
$7x - 52$	$-10x - 13$	$-2x + 20$	$-6x + 3$	$-10x - 13$	$-2x + 19$	$-6x - 11$	$-8x + 56$