

Name \_\_\_\_\_

Date \_\_\_\_\_

Combine Like Terms Classwork

Ms. Tran

**Important to remember:**

\*Combine means to put together.

\*Combining like-terms means to put

\*Like-terms have the same variable.

terms with the same variable together.

Directions: For each expression below, combine like terms. Show all of your work!

<p>(a) <math>5x + 8y + 6x + 9y</math></p>	<p>(b) <math>3x + 7 + x - 5</math></p>
<p>(c) <math>12a + 2b - 6a + 8b</math></p>	<p>(d) <math>6x + 5y + 10x + 8y</math></p>

Try to **solve and check** these equations! Remember to combine like terms, first!  
Show ALL of your work!

(a)  $2x + x + 3x = 24$

(b)  $2x + 3 + 3x + 4 = 17$

(c)  $3 + 7x - 2x + 4 = 22$

(d)  $3x + 7x - x = 22 + 4 + 2$