

Name: \_\_\_\_\_

# VOCABULARY

$$3x^2 - x + 2 - 4x$$

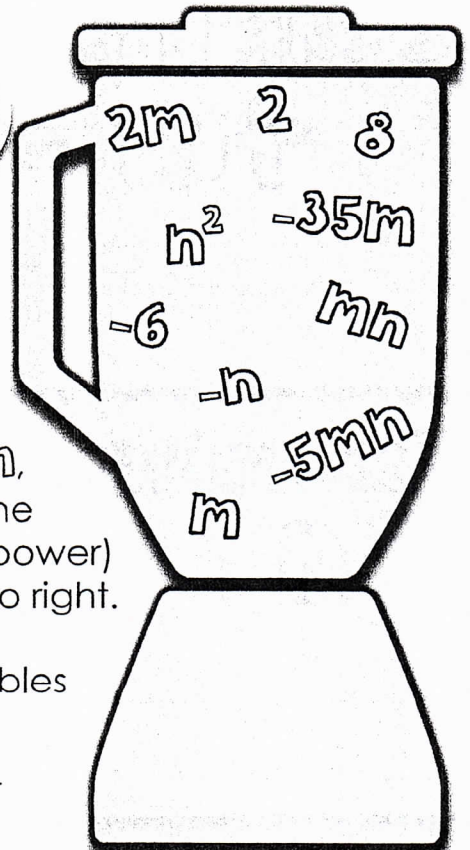
# COMBINING - LIKE TERMS -

Like terms have the same \_\_\_\_\_ and the same \_\_\_\_\_.

## "TO DO" List

- Add invisible "+" signs.
- Add invisible "1" coefficients.
- Color like terms with matching patterns/colors.
- Color, doodle, & embellish key ideas!

like terms  
add (while sticking with the +/- signs in front of each term)



## TRY IT

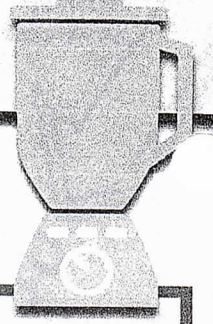
Simplify.

1  $3y - x - 6y - 1 + 12xy + 4 + xy$

2  $4ab - a^2 + 3a - b + a^2 - 2b - ab$

To write an expression in standard form, order terms so that the \_\_\_\_\_ (power) decreases from left to right. Constants will be \_\_\_\_\_. Variables should be in \_\_\_\_\_ order.

# Combining like terms - Practice



Simplify each expression. Write each answer in standard form.

## Example 1

$$3 - 5w + 12 + 2w - 3$$

## Example 2

$$7 - 4j - 2j^2 - 5j^3 + j^2 - j$$

## Example 3

$$4(x - 3) + x - (3x + 7)$$

## Example 4

$$8a - a(b + 6) + 2b(a - b) + a$$