

9-5

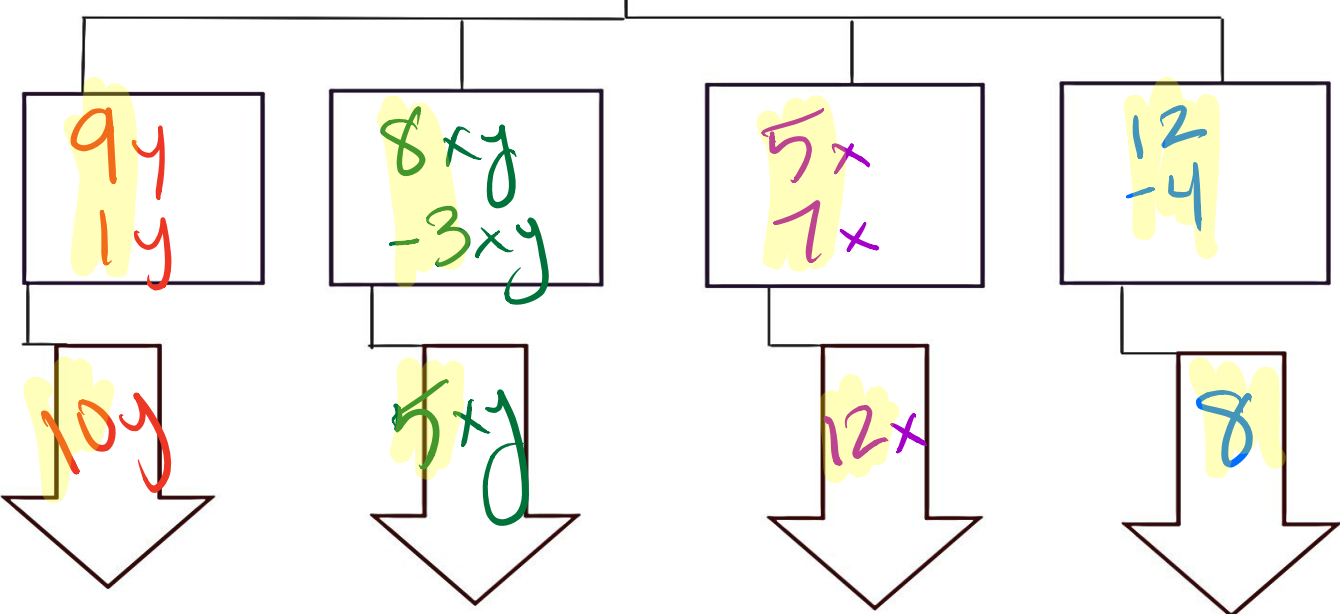
Combining Like Terms Graphic Organizer

4

LIKE TERMS:	Same variables (letters)
	Same exponents (powers)
	Order doesn't matter

☆ To combine like terms, add or subtract the coefficients and keep the variables/exponents the same.

$$8xy + 9y + 12 + 5x - 3xy + 1y - 4 + 7x$$



$$10y + 5xy + 12x + 8$$

HW

- A) $n - 4 - 9$
- B) $-9k + 8k - 6k^2$
- C) $-5n + 3(6+7n)$
- D) $9a + 10(6a - 1)$
- E) $5(-2x + 4y) + 2(x + 3y) + 5$
- F) $-7(n^2 + 3n) - 8(1 + 8n)$

