FCTG

Like Terms

* **Like terms** are the _____ that have the _____

  raised to the _____.

* _____ themselves **are** *like terms* because they DO NOT

  have variables.

Example: Determine whether the give pairs are like terms or not.

Use following key words to show your reason.

both are constant, the same variable, different variables,

different powers, commutative property of multiplication

Terms	Like terms (Y/N)	Reason
3x, 2x		
3x, 2y		
3ab, 2ab		
3x, $3x^2$		
3xy, 2yx		
2, 3		
$2xy^2$, $2x^2y$		
−5, 6		
$\frac{5}{6}$, 2x		
$\frac{5}{6}$, −5		

FCTG

DO NOW!

Draw the same color for the **like terms** in given algebraic expressions.

(1) $-3 + 2r + 7r + 4 + 8r$

Solution:

(2) $-3m - 1 + m - 5m - 2m$

Solution:

(3) $8w - 6w + 5 + 5 - 1$

Solution:

(4) $5x - 6y^5 - 14y^5 - 13x$

Solution:

(5) $-3x + 14x^2 + 6x - 1 + 9x$

Solution:

(6) $-1 - 14x^2 + 13x^2 + 9x^2$

Solution:

(7) $5y - 13 + y$

Solution:

(8) $8 - 9 + 0 + 3y^3 - 9$

Solution:

(9) $4xy - 3x + 5y - 5$

Solution:

(10) $-3xy^2 + 2x^2y + 4xy$

Solution:

(11) $3 + \frac{5}{6} - x + 0.6$

Solution: