

Like Terms and Unlike Terms

Terms that have equivalent variable parts are called **like terms**. Terms with variable parts that are not equivalent are called **unlike terms**.

$2x$, $3x$ and $-5x$ are like terms.

$-6a^3$, a^3 , $5aaa$ and $32a^3$ are like terms.

8, 1, -63 and -4 are like terms.

$7x^3y^2$, x^3y^2 , $4xxxxyy$ and $-6y^2x^3$ are like terms.

Look at each pair of terms and decide if they are like terms or unlike terms. Circle the right answer.

$3x^2$ and $4xx$ <input checked="" type="radio"/> like <input type="radio"/> unlike	$2a^3$ and $5a^3$ <input type="radio"/> like <input type="radio"/> unlike	$4x$ and $7y$ <input type="radio"/> like <input type="radio"/> unlike
$6x^4$ and $2x^3$ <input type="radio"/> like <input type="radio"/> unlike	$3xy$ and $2yx$ <input type="radio"/> like <input type="radio"/> unlike	$7c$ and 7 <input type="radio"/> like <input type="radio"/> unlike
5 and -13 <input type="radio"/> like <input type="radio"/> unlike	$7x^2y$ and $3yxx$ <input type="radio"/> like <input type="radio"/> unlike	$4x$ and $-4x$ <input type="radio"/> like <input type="radio"/> unlike

Match like terms.

$3x$	$6y^2$
$-4y^2$	$7xy$
$17x^4y$	$5x$
$6a^4$	13
$3xxx$	$3x^4y$
$10s$	$9a^4$
-8	$-7c$
$6yx$	s
c	$10x^3$

Note: A hand-drawn line connects $3x$ to $5x$.