

Join the like terms.

There are _____ a
_____ m
_____ b.

Find and join the like terms. How many a, m, b are there? Use 3 different colours or use different kinds of lines. Colour code the sets.

$2y^2 + y + 3y^2 + y =$	$4d + 2d^2 + 3d + d =$
$2m + m^2 + m + 3m^2 =$	$5e + e^2 + 2e^2 + 3e^2 =$
$4a + 2a^2 + a + a^2 =$	$5k^2 + 3k^2 + 2k + k =$
$3b + b^2 + 2b^2 + 4b =$	$3n^2 + 2n + 3n + n =$
$2f + f^2 + 3f + 4f^2 =$	$4r^2 + r^2 + 2r + 2r^2 =$
$7p + p^2 + 2p^2 + 3p =$	$4s^2 + 2s + 3s + 2s^2 =$
$4c + c^2 + 2c + c^2 =$	$g^2 + 2g^2 + g + 3g^2 =$
$j^2 + j + j^2 + j =$	$h^2 + h + h^2 + h =$



y is not like y^2
and m^2 is not
like m etc.
They are not
like terms.
They cannot be
added together.



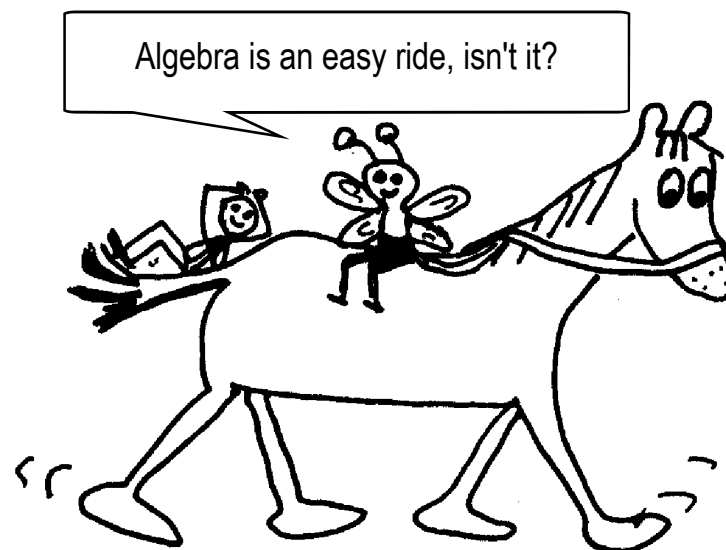
Cross out the answers.

$5f^2 + 5f$	$6g^2 + g$
$2c^2 + 6c$	$3b^2 + 7b$
$7r^2 + 2r$	$3p^2 + 10p$
$2j^2 + 2j$	$2h^2 + 2h$
$2d^2 + 8d$	$4m^2 + 3m$
$8k^2 + 3k$	$5y^2 + 2y$
$3a^2 + 5a$	$6e^2 + 5e$
$3n^2 + 6n$	$6s^2 + 5s$

Pronumerals with index notation do not mix with pronumerals without index notation. They are unlike terms.

Substitute and work out the values.

m	y	$m+y$	$m-y$	m^2	y^2	my
5	3					
10	4					
6	3					
7	2					
8	4					
4	2					
9	6					
8	7					



Answers are on page 37.