



Example 1: Add: $7xy + 5yz - 3zx$, $4yz + 9zx - 4y$, $-3xz + 5x - 2xy$.

Example 2: Subtract $5x^2 - 4y^2 + 6y - 3$ from $7x^2 - 4xy + 8y^2 + 5x - 3y$.

1. Add the following.

(i) $ab - bc, bc - ca, ca - ab$

2. (a) Subtract $4a - 7ab + 3b + 12$ from $12a - 9ab + 5b - 3$

Example 3: Complete the table for area of a rectangle with given length and breadth.

Solution:

length	breadth	area
$3x$	$5y$	$3x \times 5y = 15xy$
$9y$	$4y^2$
$4ab$	$5bc$
$2l^2m$	$3lm^2$