

Polynomials : Worksheet -7

1. If α , β , γ are the zeroes of the given cubic polynomials, find the values as given in the table.

S.No.	Cubic polynomial	$\alpha\beta\gamma$	$\alpha\beta + \beta\gamma + \gamma\alpha$	$\alpha\beta\gamma$
1	$x^3 + 3x^2 - x - 2$			
2	$4x^3 + 8x^2 - 6x - 2$			
3	$x^3 + 4x^2 - 5x - 2$			
4	$x^3 + 5x^2 + 4$			

