



Polynomials



If α, β, γ are the zeroes of the given polynomials.

Find the values of the expressions.

Q.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	$x^3 + 5x^2 + 4$			
5	$x^3 + 10$			
6	$x^3 - 5x - 7$			
7	$2x^3 + 6x^2 - x + 8$			
8	$x^3 - x^2 + x - 1$			
9	$5x^3 - 3x^2 - 7$			
10	$x^3 + x - 2$			

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