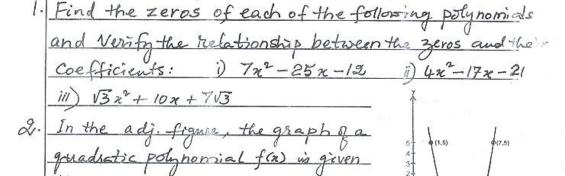
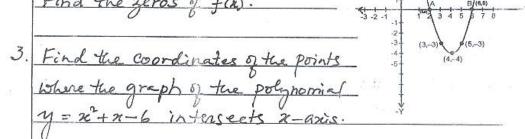
INTERNATIONAL INDIAN SCHOOL, RIYADH POST BOX NO.: 89788, RIYADH – 11692 (K.S.A)



CLASS: X SUBJECT: Mathematics. LESSON: POLYNOMIALS. 2012-2013 By: D.A. EMIL JASON





- 4. Find the zeros of the cubic polynomial 2+22=x-2.
- 5. Find a cubic polynomial whose zeros are 1, -2 and 3
- 6. Find a graduatic polynomial whose zeros are 5+12

7. Find a graduatic polynomial, the sum of whose zeros us 8 and their product is 12. Hence find the zeros of the polynomial.

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	F	Page-2
	8.	If $\sqrt{3}$ and $-\sqrt{3}$ are two of the zeros of the polynomial $f(x) = x^4 - 3x^3 - x^2 + 9x - 6$, find the other zeros.
2		Obtain all the zeros of the polynomial $f(x) = 2x^4 + x^3 - 14x^2 - 19x - 6$, if two of its zeros are -2 and -1
	-	Two zeros of the polynomial ax3+3x2-6x-6 are -1 and -2, find the values of a and 6 Also find the third zero.
		Find all the zeros of the polynomial $2x^{4}-2x^{3}-7n^{2}$ +3x+6, if two zeros are $-\sqrt{\frac{3}{2}}$ and $\sqrt{\frac{3}{2}}$
		Verify that $\frac{1}{2}$, 1, -2 are zeros of the polynomial $2n^3 + n^2 - 5n + 2$. Also verify that the Sum of the zeros = $-\frac{t}{a}$ and the product of the zeros = $-\frac{d}{a}$
- 1010		$x^4 + x^3 + 8x^2 + ax + b$ is exactly divisible by $x^2 + 1$. Find the values of a and b
200 (1		If & and B are the zeros of the polynomial $x^2-8x+15$, find the value of $\frac{1}{2}+\frac{1}{2}$ without finding the zeros
-	15.	Divide $f(x) = 14x^3 - 5x^2 + 9x + 1$ by $g(x) = 2x - 1$ and obtain the quotient $g(x)$ and the rem. $h(x)$ Verify the division algorithm from $g(x) = g(x) + x = 0$ If one zero of the polynomial $x^2 - 4x + 1$ is $2 + \sqrt{3}$, find the other
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