Remainder and Factor Theorem			
Determine	the remainder if the polynomial $27x^4 + 60x^3 - 941x^2$	$^2$ – $226x + 280$ is divided by each of the follows	ing
binomials.	Then state if the binomial is a factor of the polyno	mial.	
1. <i>x</i> – 5	Pomoindor:	Factor: YES or NO	
1. $x - 3$	Remainder:	FACIOI. TES OF INO	
2. $x + 8$	Remainder:	Factor: YES or NO	
3. $7x - 2$	Remainder:	Factor: YES or NO	

Remainder:

Factor: YES or NO

4. 3x + 2

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