Std. : 8 th ICSE			Date : 02/04/	/2017
Sub :	Maths		Marks : 50	Time : 1 hr.
	Ch : 1 F	undamental Concepts		
	(& h : 2 Formulate		
	Identify monomial, binomial, trinomia	als :		[03]
	(i) $\frac{m}{3}$ (ii) m + 2n (iii) $\frac{m^2}{n^2}$	(iv) 5 + 3x + y	(v) 2a (vi) a	$a-\frac{2}{2}$
•	3 n Add			a [02]
	(i) $3x^2$, $6x^2$, $-9x^2$ and $\frac{5}{3}x^2$	(ii) $3a^2b^4$, $-2a^2b^2$, $5a^2b^2$	2 , 12a $^{2}b^{4}$, 3a $^{2}b^{2}$ and	
	3 Subtract			[02]
	(i) $\frac{3}{2}$ xy from $\frac{5}{2}$ xy	(ii) 5a – 9b from 7a + 1	.0b	
	How much smaller is $5x - 8y + 9z$ that			[02]
•	If the perimeter of a triangle is $4y - 3$	-	of a triangle measu	
	cm and $3x + 7y - 2z$ cm and, find the	length of third side of tri	angle ?	[03]
5.	Multiple			[10
	(i) $\frac{-4}{7}x^2y^2$ and $\frac{-2}{5}x^2y^2z$			
	(ii) $ax - by + cz by 2a$			
	(iii) $\left(x + \frac{1}{2}\right)\left(x - \frac{1}{3}\right)$			
	(iv) $x - 3y + 4$ and $5x + y - 2$			
	(v) (x + 1) (x - 1) (x + 2)			
7.	Divide : (i) $6a^4 by - 2a$			[12]
	(ii) $-52ab^3c^5$ by $26a^3bc^2$			
	(iii) $(8a^2b^3 - 6a^3b^2 + 4ab^2 - 2a + b) \div$	2ab		
	(iv) $4x^2 - 4x - 17$ by $2x - 5$ (v) $4x^3 - 8x^2 - 9x + 8$ by $2x - 3$			
	(v) $x^5 - 4x^4 - 6x^3 + 21x^2 - 24x + 261$	$x^{2}-2x+3$		
8.	Simplify :			[04]
	(i) $12x - [3x - 2y - {y - 2(x - 2x + y)]}$)}]		
	(ii) 12a of $\frac{1}{2} - 6a^2 \div 3a + (a+a)$			
	Make R the subject of the formula A	$A = P + \frac{PRT}{100}$ Also find F	R, when $A = 1600$,	P = 1000, an
•	T = 5	100		[04]
				L .
		3V to h Ales find 1	when $\Lambda = 00 = 0$	22
). .0.	Change the subject of the formula R	$=\sqrt{\frac{3v}{\pi h}}$ to h, Also find h,	when $A = 88$, $r = 2$	and $\pi = \frac{22}{7}$
				[04]

Best of Luck