The City School

North Nazimabad Boys Campus Grade 7

Mathematics

Teacher: Ms. Hira Asad Topic: Substitution

		Name: Section: Date:	
1.	Use	e the formula D = ST to work out the value of	
	a.	D when S = 50 and T = 3	
	b.	T when D = 22 and S = 4	
	c.	S when D = 100 and T = 5	
2.	Sta	nley is d years old. Polly is 9 years older than Stanley.	·
	a.		
	b.	Write a formula for the total age, T, of Stanley and Polly.	·
	c.	Use your formula in part b to work out the value of T when d = 8.	
	d.	Rearrange your formula in part c to make d the subject.	
	e.	Use your formula in part d to work out the value of d when T = 27.	
3.	Cal	culate the value of a – b when a = $\frac{1}{2}$ and b = $-\frac{1}{2}$	