

Grace Christian School Inc.  
MATH VI EXAM  
Month of February

I – Fill in the table.

Sequence	Rule	nth term
729 , 243 , 81 , 27 , ?		
5 , 10 , 15 , 20 , 25 , ?		
6 , 36 , 216 , ?		
100 , 75 , 50 , ?		
2 , 4 , 8 , 16 , 32		

II – Write each phrase as an algebraic expression.

1. six more than twice a number b \_\_\_\_\_
2. the quotient of eight and a number x \_\_\_\_\_
3. thrice less than thrice a number y \_\_\_\_\_
4. a number z over twelve \_\_\_\_\_
5. 27 decreased by a number f \_\_\_\_\_
6. the difference between nine and a number a is 6 \_\_\_\_\_
7. the quotient of 64 and a number f is 8 \_\_\_\_\_
8. the sum of a number c and twelve is twenty \_\_\_\_\_
9. the sum of ten and the product of 2 and a number n \_\_\_\_\_
10. the product of 4 and a number z less than 9 is seven \_\_\_\_\_