

NEW PRINCE SHRI BHAVANI SR. SEC. SCHOOL
VILLAGIARAM



CONCEPTS - TERM - II

GRADE : VI

SUBJECT: Mathematics

7. Introduction to Algebra.

- i) Express as Algebraic Expression :
 - (i) Take away the product of 6 and 10 from the product of 5 and x .
 - (ii) If the cost of a shirt is x and the cost of a trouser is y , what is the cost of both?
 - (iii) The average of 3 numbers x, y, z is

2) Evaluate the expression when $n = 2$:-
 $3n - 4$

3) Find the value of :
 $\frac{a + 6x}{3a}$ when $a = 3, x = 4$

9. Ratio and proportion.

- 1) Sophia and Isabella share a reward of ₹ 117 in the ratio of 1 : 8. What fraction of the total reward does Sophia get?
- 2) David has blue, green and yellow balls in the ratio 8 : 1 : 2. If 30 of David's balls are yellow, how many blue and green balls does David have?
- 3) A machine can produce 6 yards of fabric in 2 minutes. How much fabric