



# INDIAN SCHOOL NIZWA - WORKSHEET

## MATHEMATICS

### CH: 4 : Simple Equations

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: VII Sec: \_\_\_\_

- Q.1. The length of a rectangle is three times its width. If the perimeter of the rectangle is 96 metres, find the length and breadth of the rectangle.
- Q.2. In a class of 35 students, the number of girls is  $\frac{2}{5}$  of the boys. Find the number of
- Q.3. boys in the **Nadeem's father is thrice as old as Nadeem. After 12 years he will be just twice his son. Find their present ages.**
- Q.4. Translate each of the following statements into an equation, using 'x' as the unknown variable:- (i) 4 more than thrice a number is 22.  
(ii) Twice of a number subtracted from 19 is 9.  
(iii) A number multiplied by itself is 12 more than the number.
- a. Convert the following equations in statement form:
- (i)  $3p + 5 = 2$   
(ii)  $3p = 180$
- b. A number when added to its half gives 72. Find the number.
- c. Sum of two numbers is 75. If one exceed the other by 5, find the numbers.
- d. Two third of a number is greater than one third of the number by 3. Find the number.
- e. Solve the following equations:
- (i)  $-2(x + 3) = 8$   
(ii)  $0 = 18 + 2(p - 6)$

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