The City School

North Nazimabad Boys Campus

E-Worksheet

Teacher Name: <u>Ambreen Badar</u>   Class: <u>8</u>   Subject: <u>Mathematics</u>

Date: <u>18th March 2017</u>

Topic: <u>Algebraic Manipulation</u>

Q1: In 15 years ' time, Khalid will br four times as old as he is now. How old is Khalid now?

Q2: When 8 is subtracted from $3\frac{3}{4}$ of a number, the result is 3 times the original number. Find the number.

Q3: John is $\frac{1}{4}$ as old as his father. In 8 years ' time, the sum of their ages will be 61. How old is John's father?

Q4: When 4 is added to a number and the result is divided by 5, the final result is 44 less than the original number. Find the number.

Q5: Divide 64 into two parts so that the difference between $\frac{2}{3}$ os the one part and $\frac{1}{4}$ of the other is equal to 28. What is value of the larger number?

Q6: If I subtracted 9 from 5 times a certain number, the result is 19 more than the original number. What is the number?

Q7: When a number is divided by 4 and 28 is added to it, the result is equal to twice the number. Find the number.

Q8: If I subtractedb6bfrom 4 times a number and the result is halved, the answer is 43 more than original number. What is the number?