Teacher Name: Ambreen Badar Class: 8 Subject: Mathematics Date: 16th Nov’ 2018

Topic: Problem solving involving algebraic fractions

**Q1: In 15 years ’ time, Khalid will be 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 subtracted 6 from 4 times a number and the result is halved, the answer is 43**

 **more than original number. What is the number?**