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| Subject : MATHEMATICS | Topic : RATIONAL NUMBERS | | Date of Worksheet : 17/04/2019 | |
| Resource Person: Mrs. Indu.P | | | Date of submission : | |
| Name of the Student \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | Class &Division: \_\_\_\_\_\_\_ | | Roll Number : \_\_\_\_ |

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| SL.No. | | **SECTION A [BASIC SKILLS]** | |
| 1 . | | - | |
| 2. | | + 4 | |
| 3. | | × | |
| 4. | | ÷ | |
| 5. | | Simplify:  (i) + -  (ii)1 - 2 | |
| Sl.No. | **SECTION B – [CHAPTER BASED QUESTIONS]** | Marks |
| 1 | The sum of two rational numbers is . if one number is find the other. | 2 |
| 2 | Simplify ( + ) × | 2 |
| 3 | Write rational numbers which are equal to its reciprocals . | 2 |
| 4 | Write the rational number which is equal to its additive inverse. | 1 |
| 5 | Name the property which allows you to multiply three rational numbers in any order. | 1 |
| 6 | What is the sum of any number and its additive inverse? | 1 |
| 7 | Find the additive inverse and multiplicative inverse of | 1 |
| 8 | By which rational number should be multiplied to obtain ? | 1 |
| 9 | Is 1 , the multiplicative inverse of ? Why or why not? | 2 |
| 10 | What should be subtracted from [ + + ] to get 1 ? | 2 |
| 11 | Find using distributive property:  (i) x + x  (ii) x + x  (iii)x - x | 3 |
| 12 | Simplify using appropriate properties  x - x + x | 3 |
| 13 | What is the perimeter of a quadrilateral whose four sides measure 3cm, 2 cm, 4 cm and 2 cm. | 3 |
| **SECTION C [HOT QUESTIONS]** | | |
| 1 | **The product of two rational numbers is**http://www.careerlauncher.com/cbse-ncert/class-8/8-math-rational-2-UntitOE12.JPG**If one of them is**http://www.careerlauncher.com/cbse-ncert/class-8/8-math-rational-2-UntitOE13.JPG**then find the other.** | 3 |
| 2 | Verify that http://www.careerlauncher.com/cbse-ncert/class-8/8-math-rational-2-UntitOE0.JPG and http://www.careerlauncher.com/cbse-ncert/class-8/8-math-rational-2-UntitOE1.JPG are there same | 4 |
| 3 | **Find:**http://www.careerlauncher.com/cbse-ncert/class-8/8-math-rational-2-UntitOE3.JPG | 4 |
| 4 | In a school of the students are girls.If there are 240 boys ,find the number of girls. | 3 |