**NUMERACY AND DATA ANALYSIS PRACTICE SHEET 2**

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| 1 | Give examples of   1. Integers 2. Fractions |  |
| 2 | Explain what is meant by followings and provide examples   1. Numerator 2. Denominator |  |
| 3 | Apply cancelling down rule for followings and present the fractions in smallest possible numbers ( show calculations): |  |
| 4 | Recall the changing denominator rule:   1. ; Convert denominator to 18 2. ; Convert denominator to 42 3. ; Convert denominator to 48 |  |
| 5 | Write examples of Mixed fractions and Improper fractions.  Change the following improper fraction into mixed numbers: |  |
| 6 | Convert the following mixed numbers into improper fractions : |  |
| 7 | Add following fractions: |  |
| 8 | Subtract following fractions: |  |
| 9 | Divide following fractions: |  |
| 10 | Multiply following fractions: |  |
| 11 | 1. In company A, if 30% of employees are going to be under redundancy list out of 5000 employees, how many numbers actually are under redundancy? 2. 13.5% out of 2500 students have got distinctions for mathematics. What is the exact number of students who got distinctions? |  |
| 12 | 1. If student A, B & C have received marks in the ratio of 4:6:8 out of 100 for Maths subject. What exact marks each student received? 2. If the car manufacturer is producing type A, B & C in ratio of 2:5:1 and the total number of car production is 8000. Calculate the total number of production in each type. |  |