| Worksheet-4 | | Subject: - Ma | thematics | Class: - VIII | Teacher: - Ms. Neeru |
|-------------|--------|-----------------|--------------------|-----------------------|----------------------|
| Name: | | Class | & Sec: | Roll No. | Date: 14.03.2020 |
| | | Topic: Ra | tional Numbe | ers: Notes & Ex 1.1 H | 1.W |
| | lexas | mples: | 2 3/4 | | |
| CZ-1 | Find | 3+ | (-6) | +(=8)+ | 5.22 |
| Sol. | (3 | + (-8) |)+ | (+ 5 22) | Justing commutative |
| = | (9 | -8) | + (| -128+5) | |
| = | 21 | | + 6 | -13) (-7) 22 | |
| = | 1/2 | 1 - 7 | | | |
| 2 | (.1 x) | 22)- | (7x 2) (22 x 2) | | |
| 7 | 22 | 162 | | | |
| - | -12 | 16 -12 12 46 | 5 2 | / | |

| 4x-2 | Find |
|------|--|
| = | -4 x 3 x 15 x -14 5 7 16 x 9 (4 x 46) x (3 x -14) (5 164) x (3 x -14) |
| = | 3 x (-2) |
| _ | 6 = 1 |
| W1-3 | white the additive inverse of the following: |
| 9 | 77 19 |
| | -7 + 7 =0 caddittive vincerse of 7 is 13 |
| ii) | $\frac{24}{112}$ $\frac{21}{112}$ $\frac{-21}{112}$ $=0$ |
| | -21 is the additive inverse of 22. |

| - 44 | Dough that - 0 $n = 13$ 17 | En is the same as |
|------|--------------------------------|-------------------|
| 39-3 | LHS | RHS |
| = | - (- n) | N |
| P | - (-1 3) | x = 13. |
| = | n=13 Hence | , werified. |
| ii) | n = -21. | |
| | HS | RHS |
| = | - (-n) | = 71 |
| = | +4620 | n = -21 31 |
| * | 31 | |
| | Hence | , verified |

| lys | Find 2 x -3 - 1 - 3 x 3 |
|-----|-------------------------------------|
| 1 | 3 x -3 - 14 - 3 x 3 |
| = | 3 -3 x (2 +3) - 1 using associative |
| 2 | -3 x 25 -19 |
| 15 | -15 - t 36 19 |
| 1 | -x8-30 - 5 70 70 |
| 11 | -35 = -1 70 2 |