MATHEMATICS Std VII

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ASSIGNMENT: Fractions and Decimals

General instructions: Students please copy down the important Topics in your notebook from You Tube videos

Q1. Evaluate the following:

(iii) 5/12 + 1/18 − 2/9

Solution:

$$5/12 + 1/18 - 2/9$$

$$= \frac{5\times3 + 1\times2 - 2\times4}{36}$$

$$= \frac{15 + 2 - 8}{36}$$

$$= \frac{17 - 8}{36}$$

= 9/36

= 1/4

Q2. Simplify the following:

(i) 7 3/4 − 3 5/6 +7/8

Solution:

$$= 31/4 - 23/6 + 7/8$$

$$= \frac{31\times6 - 23\times4 + 7\times3}{24}$$

$$= \frac{186 - 92 + 21}{24}$$

$$= \frac{207 - 92}{24}$$

= 115/24

= 4 19/24 ans.