

MATHEMATICS Std VII

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ASSIGNMENT: Fractions and Decimals

General instructions: Students are requested to copy down the important Topics from You Tube videos in your maths notebook.

Exercise 2.4

Q2. Evaluate the following:

(ii) $5 \div 3 \frac{4}{7}$

Solution:

$$5 \div 25/7$$

$$= 5 \times 7/25$$

$$= 35/25$$

$$= 7/5$$

$$= 1 \frac{2}{5} \text{ ans.}$$

Q4. By what number should $4 \frac{7}{8}$ be multiplied to get $87 \frac{3}{4}$?

Solution:

Let the no. be X

$$\rightarrow X \times 4 \frac{7}{8} = 87 \frac{3}{4}$$

$$\rightarrow X \times 39/8 = 351/4$$

$$\rightarrow X = 351/4 \div 39/8$$

$$\rightarrow X = 351/4 \times 8/39$$

$$\rightarrow X = 18 \text{ ans.}$$

Homework:

Question no. 2 (i), (iii) ,(iv)

Question no. 7, 8 and 9

Decimals

Exercise: 2.5

Q1. Write the following numbers in the expanded form:

(ii) 200.03

$$= 200 + 3/100$$

Q3. Convert the following decimal numbers to Fractions (in simplest form)

(iv) 3.025

$$= 3 + 25/1000$$

$$= 3 + 1/40$$

$$= 121/40 \text{ ans.}$$

Q5. Convert into following Fractions into decimal numbers:

(iii) $3 \frac{5}{16}$

$$= 3 + 5/16$$

$$= 3.3125 \text{ ans.}$$

Homework:

Question no. 1 (i), (iii)

Question no.3 (i),(ii), (iii)

Question no. 5 (i), (ii)