

ASSIGNMENT

CLASS 3

MATHEMATICS

CHAPTER – FRACTIONS

Fill in the blanks to complete the equations:

Example 1 : $\frac{\square}{15} - \frac{8}{15} = \frac{6}{15}$

Answer : $\frac{Y}{15} - \frac{8}{15} = \frac{6}{15}$

$$\frac{Y}{15} = \frac{(6 + 8)}{15}$$

$$Y = 14$$

Fraction : $\frac{14}{15} - \frac{8}{15} = \frac{6}{15}$

Example 2 : $\frac{17}{24} - \frac{\square}{24} = \frac{7}{24}$

Answer : $\frac{17}{24} - \frac{Y}{24} = \frac{7}{24}$

$$\frac{Y}{24} = \frac{(17 - 7)}{24}$$

$$Y = 10$$

Fraction : $\frac{17}{24} - \frac{10}{24} = \frac{7}{24}$

Rough

$$1^{\text{st}} = \text{Ans} + 2^{\text{nd}}$$

$$Y = 6 + 8$$

$$Y = 14$$

$$a) \frac{\square}{30} - \frac{11}{30} = \frac{5}{30}$$

$$b) \frac{10}{12} - \frac{\square}{12} = \frac{5}{12}$$

$$c) \frac{\square}{19} - \frac{8}{19} = \frac{7}{19}$$

$$d) \frac{6}{9} - \frac{\square}{9} = \frac{5}{9}$$

Word Problems:

Example : If $\frac{5}{14}$ of the park is covered by tall trees and $\frac{6}{14}$ is covered by smaller trees. What fraction of the park is covered by trees?

Answer : Fraction of park with tall trees = $\frac{5}{14}$

Fraction of park with smaller trees = $\frac{6}{14}$

Total fraction of park with trees = _____

$$\frac{5}{14} + \frac{6}{14} = \underline{\hspace{2cm}}$$

$$\frac{(5 + 6)}{14}$$

$$\frac{11}{14}$$

Total fraction of park with trees = $\frac{11}{14}$

- a) A chocolate is divided into 12 equal pieces. Ratna eats 7 pieces of it .What fraction of chocolate is eaten by Ratna? What fraction of chocolate is left ?
- b) A cake is cut into 8 equal pieces. Jai ate 3 pieces.
What fraction of the cake did Jai eat ?
- c) Ekta's village is $\frac{19}{23}$ miles away. She stops after travelling $\frac{11}{23}$ miles. Calculate the miles left to reach her village?