

Addition of DISSIMILAR Fractions



1

Addition of DISSIMILAR Fractions

$$\frac{4}{10} + \frac{3}{5} = \frac{4}{10} + \frac{6}{10} = \frac{10}{10} \text{ or } \boxed{1}$$

Find the **LCM** of 5 and 10.

$$5 : \boxed{5} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$10 : \boxed{2} \times \boxed{5} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$\boxed{2} \times \boxed{5} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{} = \boxed{10}$$

2 Addition of DISSIMILAR Fractions

$$\frac{2}{4} + \frac{2}{12} = \frac{6}{12} + \frac{2}{12} = \frac{8}{12} \text{ or } \frac{2}{3}$$

Find the **LCM** of 5 and 10.

$$4 : \boxed{2} \times \boxed{2} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$12 : \boxed{2} \times \boxed{2} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$\boxed{2} \times \boxed{2} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{} = \boxed{12}$$

3 Addition of DISSIMILAR Fractions

$$\frac{6}{9} + \frac{1}{2} = \frac{12}{18} + \frac{9}{18} = \frac{21}{18} = 1 \frac{3}{18}$$
$$1 \frac{1}{6}$$

Find the **LCM** of 5 and 10.

$$2 : \boxed{2} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$9 : \boxed{3} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$\boxed{2} \times \boxed{3} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{} = \boxed{18}$$

Subtraction of DISSIMILAR Fractions



4 Subtraction of DISSIMILAR Fractions

$$\frac{3}{5} - \frac{4}{10} = \frac{6}{10} - \frac{4}{10} = \frac{2}{10}$$

Find the **LCM** of 5 and 10.

$$5 : \boxed{5} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$10 : \boxed{2} \times \boxed{5} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$\boxed{2} \times \boxed{5} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{} = \boxed{10}$$

5 Subtraction of DISSIMILAR Fractions

$$\frac{2}{4} - \frac{2}{12} = \frac{6}{12} - \frac{2}{12} = \frac{4}{12} \text{ or } \frac{1}{3}$$

Find the **LCM** of 5 and 10.

$$4 : \boxed{2} \times \boxed{2} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$12 : \boxed{2} \times \boxed{2} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$\boxed{2} \times \boxed{2} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{} = \boxed{12}$$

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Subtraction of DISSIMILAR Fractions

$$\frac{6}{9} - \frac{1}{2} = \frac{12}{18} - \frac{9}{18} = \frac{3}{18} \text{ or } \frac{1}{6}$$

Find the **LCM** of 5 and 10.

$$2 : \boxed{2} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$9 : \boxed{3} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{} \times \boxed{}$$

$$\boxed{2} \times \boxed{3} \times \boxed{3} \times \boxed{} \times \boxed{} \times \boxed{} = \boxed{18}$$