



Codingal

Where kids love coding

Addition of Like Rational Numbers

- Any rational numbers such as $\frac{a}{c}$, $\frac{b}{c}$ with same denominator are called Like Rational numbers
- The sum of the two like rational numbers $\frac{a}{c}$, $\frac{b}{c}$ is $\frac{a+b}{c}$

Add the following rational numbers:

(i) $7/5$ and $11/5$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(ii) $-16/11$ and $-41/11$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(iii) $-101/8$ and $550/8$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(iv) $-71/13$ and $17/13$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(v) $519/6$ and $-135/6$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(vi) $-170/15$ and $-1/15$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(vii) $162/7$ and $666/7$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(viii) $23/11$ and $-515/11$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(ix) $92/3$ and $-56/3$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$

(x) $84/8$ and $-287/8$

$$\text{-----} + \text{-----} = \text{-----} = \text{-----}$$