

## IREE ACADE



An English Medium Co.Ed. School | Science & Commerce

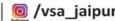
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Sub:Maths

class-7

Topic-Addition and Subtraction of fractions

Do all questions of Ex-2.2, one of each type is done for you.

## **EXERCISE 2.2**

Use Cordova Smart Class Software on the smart board in class to do Exercise

- L Add:
  - (i)  $\frac{5}{9} + \frac{7}{9}$

- 2. Find the difference :
- (i)  $\frac{5}{7} \frac{3}{7}$  (ii)  $\frac{11}{16} \frac{7}{12}$  (iii)  $\frac{7}{9} \frac{2}{3}$  3. Find the sum :

- (i)  $3\frac{1}{9} + 1\frac{5}{6}$  (ii)  $3\frac{1}{3} + 5\frac{2}{7}$  (iii)  $12\frac{3}{5} + 1\frac{3}{5}$  (iv)  $10\frac{1}{9} + 6\frac{5}{12}$



(i) 
$$3 - \frac{7}{6} + \frac{11}{12}$$

(ii) 
$$4\frac{6}{7} - 2\frac{2}{3} - \frac{20}{21}$$

(iii) 
$$5\frac{1}{6} - 3\frac{1}{4} + 2\frac{1}{3}$$

Simplify: 
$$(i) \quad 3 - \frac{7}{6} + \frac{11}{12} \qquad (ii) \quad 4\frac{6}{7} - 2\frac{2}{3} - \frac{20}{21} \qquad (iii) \quad 5\frac{1}{6} - 3\frac{1}{4} + 2\frac{1}{3} \qquad (iv) \quad 10\frac{3}{5} + 2\frac{5}{6} - 5\frac{3}{5}$$

- 5. What should be added to  $\frac{11}{48}$  to get  $\frac{13}{16}$ ?
- **6.** Which is greater:  $\frac{2}{3}$  or  $\frac{7}{9}$ ? By how much?
- 7. What should be added to  $3\frac{1}{2}$  to get  $8\frac{1}{4}$ ?
- 8. A rectangular field is  $15\frac{2}{3}$  m long and  $12\frac{4}{5}$  m wide. Find its perimeter.
- 9. The sum of two numbers is 7. If one of the numbers is  $\frac{11}{7}$ , find the other.
- 10. A piece of wire is of length  $8\frac{1}{4}$  m. It is cut into two pieces. The length of one piece is  $4\frac{3}{5}$  m. What is
- 11. The sides of a triangle are  $\frac{7}{2}$  cm,  $\frac{11}{4}$  cm and  $\frac{16}{5}$  cm. Find its perimeter.



	CLASS-7
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	ADDITION AND SUBTRACTION OF FRACTIONS
	1. Add:
	(i) 5+7 = 5+7 (like fractions 9 + 7 = 5+7 (like fractions
	Add Numerator
	= 12 and retain
	= 4 = 1 \frac{1}{3} Ansi.
	2. Find the difference:
	$\frac{1}{7} = \frac{5-3}{7} = \frac{2}{7} = \frac{3}{7} = $
	(fi) 11 - 7 16 12 2.Cm. of 16. And 12
	The state of the s
	_ 33 /41
8	$\frac{98}{33-28}$ $\frac{2}{2}$ $\frac{16}{12}$ $\frac{12}{8}$
	48 2 4 3
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	48 3 1. 3
and the state of t	
	3. Find the Sum! L-C-M=48
	21115 - 90111 21 ac
	9 6 9 6 3 3,2
	$= \frac{28}{9} + \frac{11}{6}$ $2 \cdot (m \circ f 9, 62) \cdot \frac{1}{2}$
appealer on house discuss and any source of	$= \frac{28}{59} + \frac{1}{6}$ $= \frac{28}{56 + 33} = \frac{89}{89} = \frac{81}{18} \text{ Ary}, = \frac{34342}{11}$
	18 18 18

