Addition and Subtraction of Fractions with Different Denominators										
Example. $\frac{1}{3} + \frac{2}{9} =$ $\frac{\frac{1}{3}}{\frac{1}{9} + \frac{1}{9}} = \frac{1}{3}$ The diagram shows the fractions added together. $\frac{1}{3} + \frac{2}{9} = \frac{5}{9}$ Look at it without the diagram. To add fractions we need the denominators the same. Using equivalent fractions will make them both 9.										
10 uu	$\frac{1}{3} + \frac{2}{5}$	_	$\begin{array}{c} (\times 3) \\ 1 \\ 3 \\ \end{array}$	ł	$\frac{3}{9} + \frac{2}{9}$	_			JUUII 9.	
Exan	$\frac{1}{2} + \frac{1}{4} =$				Examp 2 3	ble. - $\frac{1}{9} =$				
Make the denominators both 4. $\frac{1}{2} + \frac{1}{4} = \begin{array}{c} \overbrace{1}^{\times 2} \\ \frac{1}{2} = \frac{2}{4} \\ \underbrace{2}^{\times 2} \\ 4 \end{array} \qquad \begin{array}{c} \frac{2}{4} + \frac{1}{4} = \frac{3}{4} \\ \underbrace{2}^{\times 2} \\ \underbrace{2}^{\times 2} \end{array}$							hinators both 2 $\frac{2}{3} = \frac{6}{9}$ $\times 3$		$=\frac{5}{9}$	
	try our questi		1 2		1 2		2 1			
1).	$\frac{1}{2}$ $\frac{1}{4}$	2).	$\frac{1}{3}$ $\frac{2}{9}$	3).	$\frac{1}{9} + \frac{2}{3}$	4).	$\frac{3}{4} - \frac{1}{2}$	5).	$\frac{2}{3} + \frac{2}{9}$	
6).	$\frac{1}{4}$ + $\frac{1}{8}$	7).	<u>3</u> - <u>1</u> 8 - 4	8).	$\frac{1}{3} + \frac{1}{6}$	9).	<u>2</u> <u>1</u> 5 10	10).	$\frac{2}{3} - \frac{1}{6}$	
11).	$\frac{1}{3} + \frac{5}{12}$	12).	$\frac{3}{4} - \frac{1}{8}$	13).	$\frac{1}{4}$ + $\frac{1}{12}$	14).	$\frac{3}{10} + \frac{2}{5}$	15).	$\frac{7}{8} - \frac{3}{4}$	
16).	Sally bakes a cake. Her mother eats $\frac{1}{3}$ of the cake and her brother eats $\frac{1}{6}$ of the cake. How much is left?									
17).	Ramli buys $\frac{3}{4}$ kg of sugar. He uses $\frac{1}{8}$ kg in a recipe.									
18).	How much sugar has he left? Alan has $\frac{7}{9}$ litre of milk in a jug. He drinks $\frac{2}{3}$ litre of the milk. How many litres of milk does he have left?									
19).	Amy has $\frac{1}{6}$ kg of rice. She buys $\frac{1}{2}$ kg more of rice.									
20).	How many kg of rice does she have in total? Mrs Ram has $\frac{9}{10}$ metre of cloth. She uses $\frac{3}{5}$ metre of cloth for a new dress. What length of cloth does she have left?									
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