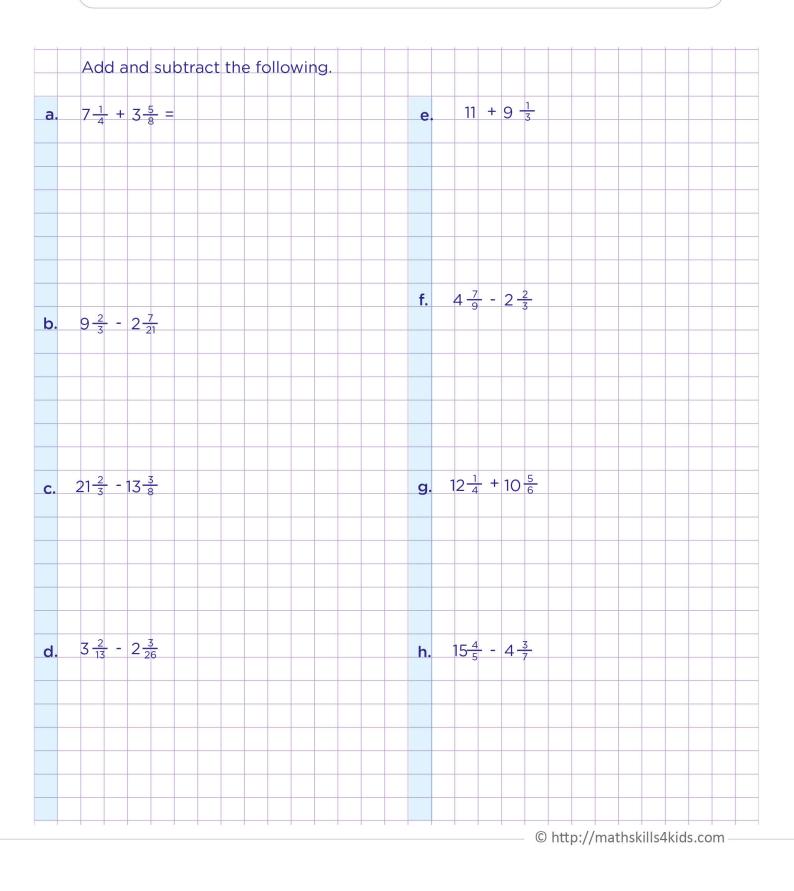


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Adding and subtracting mixed numbers with unlike denominators.







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Adding and subtracting mixed numbers with unlike denominators.

	Add and subtract the following.	
a.	$7\frac{1}{4} + 3\frac{5}{8}$ Let's firnd the LCM of the denominators,	e . 11 + 9 $\frac{1}{3}$ = (11 + 9) $\frac{1}{3}$ = 20 $\frac{1}{3}$
	then evaluate. $7\frac{1}{4} + 3\frac{5}{8}$	So, 11 + 9 $\frac{1}{3}$ = 20 $\frac{1}{3}$
	$S_{\phi}, 7\frac{1}{4} + 3\frac{5}{8} = 10\frac{7}{8}$	
b.	$9\frac{2}{3} - 2\frac{7}{21} = (9 - 2) \frac{14}{21} - 7 = 7\frac{7}{21}$	f. $4\frac{7}{9} - 2\frac{2}{3}$
	$= 7 \frac{1}{3}$	$= 2 \frac{1}{9}$ So, $4 \frac{7}{9} + 2 \frac{2}{3} = 2 \frac{1}{9}$
	So, $9\frac{2}{3} - 2\frac{7}{21} = 7\frac{1}{3}$	
C.	$21\frac{2}{3} - 13\frac{3}{8} = (21 - 13)\frac{16}{24} - 9 = 8\frac{7}{24}$	g. $12\frac{1}{4} + 10\frac{5}{6} = (12+10)\frac{6}{24} + 20 = 22\frac{26}{24}$
	So, $21\frac{2}{3} - 13\frac{3}{8} = 8\frac{7}{24}$	since $\frac{13}{12} = 1 \frac{1}{12}$ as a mixed number, then, $22\frac{13}{12} = (22 + 1)\frac{1}{12} = 23\frac{1}{12}$
d.	$3\frac{2}{13} - 2\frac{3}{26} = (3 - 2) 4 - 3 = 1 \frac{1}{26}$	So, $12\frac{1}{4} + 10\frac{5}{6} = 23\frac{1}{12}$ h. $15\frac{4}{5} - 4\frac{3}{7} = (15 - 4)\frac{28}{35} = 11\frac{13}{35}$
		So, $15\frac{4}{5} - 4\frac{3}{7} = 11\frac{13}{35}$
	So, $3\frac{2}{13} - 2\frac{3}{26} = 1\frac{1}{26}$	
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