

Name: Class:

Add and subtract fractions with unlike denominators

				Ad	d or	su	btı	ract	the	fo	llo	wir	ng	fra	cti	on	S.					9	9	
a.	3 4	1 5	Multi	oles o	f 4: 4, f 5: 5, f 4 and	10, 15	5, 20			3 > 4 >	<u>< 5</u>	= -	1 <u>5</u> 20	an	ıd –	1 x 5 x	4 4	·= -	<u>4</u> 20					
	15 20	+ 4 20	= <u>15 +</u> 20	4=	<u>19</u> 20			The	erefo	ore,	3 4	+ 1/5	<u> </u> =	19 20										
b.	3 4	5																						
c.	<u>5</u> 12	Ad + 1 3	d the	foll 92	lowi	ng	fra	ctio	+ _	anc 6_0	w k	rite	e t	he	СО	rre		ar 11 20	_ +	/er.	7_	=		
d.	6	+ 17 20	=					17 20	+ 2	2 <u>2</u> 25	=							13 18	_	1	7	=		
e.	2	Subtr	act t	he f	follo	win	g 1	fract			nd =	WI	rite	e th	ne (COI	rre	ct 7	an	sw _8	2	_		
f.	3 4	7 _ 5 _ 9	=					9 2 3		3 5 7 11	-							9 4 5		1! _1	5	_		
	4	5						J										5		10				



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			Add or su	ubtract 1	he follo	owing	fracti	ons.			
a.	3 .	1 5	Multiples of 4: 4, 8, 1; Multiples of 5: 5, 10, 1 The LCM of 4 and 5 i	5, <mark>20</mark> , 25	3 x 5 4 x 5	5 = 15 20	and -	1 × 4 5 × 4	= 4 20		
	15 20	+ 4 20	15 + 4 = 19 20 20	The	refore, $\frac{3}{4}$	3 + <u>1</u> =	19 20				
b.	3 .	1 5	Multiples of 4: 4, 8, 12 Multiples of 5: 5, 10, 1 Multiples of 4 and 5 i	5, <mark>20</mark> , 25	3 x 5	5 = 15 20	and -	1 x 4 5 x 4	= 4 20	-	
	<u>15</u> 20	- 4/20	15 - 4 = 11 20 = 20	The	refore, $\frac{3}{4}$	5 = 1 =	11 20				
		Ad	d the following	fraction	ns and v	write t	he co	rrect	ansv	ver.	
c.	<u>5</u> 12	+ 1 3	= 9 12	<u>3</u> .	6 = 10	<u>6</u> 5			<u>11</u> 1	<u>7</u> 8	= <u>57</u> 40
d.	6	+ 17 20	= 29/20	17 20	<u>22</u> = 25	173 100			13 18	27	<u>41</u> 54
		Subtr	act the following	ng fracti	ons an	d write	e the	corre	ect ar	swer.	
е.	3	<u>4</u> 7	= 2 21	6 9	<u>3</u> =	<u>1</u> 15			7 9	<u>8</u> 15	= <u>11</u> 45
f.	3	<u>5</u> 9	= 7/36	3	- <u>7</u> =	<u>1</u> 33			<u>4</u> .	10	= <u>7</u> 10