

N.I.	\bigcirc I	
Name:	Class:	

Add, subtract, multiply, or divide two fractions

	Evaluate th	e following num	erical expressi	ons. (Simplify you	ır answer as much a	s possible)
1.	Multiply.	6 x 5 40				
2.	Add. 5 6	9				
3.	Divide. 10	÷ 5 2				
4.	Subtract.	3 2 4 5				





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Eva	alua	ate	the	e fo	llo	win	g n	um	ner	ical	ex	pre	essi	on:	5. (Sim	plify	у уо	ur ar	isw	er	as n	nuc	h as	ро	ssibl	e)
Mu	ltip	oly.		6 21	×	<u>5</u> 40																					
							n.											2		T	he	refc	ore,				
<u>6</u> 21	=	3×3×	7	=	7	-				2	1 ×	4(0	- 2	, 	8	=	56	+		6	V	5		1		
<u>5</u> 40					8										2 x	1 28	-	<u>1</u> 28			21	^)	28	3	
Ad	d.	5	- +	_6	<u>5</u>																						
6	sec	ono	d fra			an	oe s	imp	olify	by	3.			27 18	= 5) x 3	3 =	3 2	=	1 2							
						+ -	<u>2</u> 3							Т	her	efc	ore,	5	- +	6 9	-	: 1	1 2				
				=	(5 x	3) + 6 :	· (6	x 2)) =	27 18																	
Div	⁄ide	<u>.</u>	10 3	÷	<u>5</u> 2																						
e re	cipr	oca	ıl of	<u>5</u>		s _	<u>2</u> 5					T	her	efc	re,	<u>10</u>	<u>;</u>	5 2	<u> </u>								
	3	<u>.</u>	<u>5</u> 2	=	<u>10</u>	×	5	=	3	_																	
Sul	otra	act		3		2													1								
		= (3 x	5) -	· (4 < 5)		Т	hei	refo	ore,	3	<u>5</u> .		2	= 2	7									
		= [5 - 20	8	=	7 20																					
	Mu Let' 6 21 5 40 Add Thee 6 9 so,	Multip Let's sin 6 = 21 5 = 40 Add. The sec 6 = 9 so, 5 6 Divide e recipr 10 3	Multiply. Let's simplified = 3 x 21	Multiply. Let's simplify $\frac{6}{6} = \frac{3 \times 2}{3 \times 7}$ $\frac{5}{5} = \frac{5 \times 1}{5 \times 8}$ Add. $\frac{5}{6} = \frac{3 \times 2}{3 \times 3}$ So, $\frac{5}{6} = \frac{9}{9}$ Divide. $\frac{10}{3}$ e reciprocal of $\frac{10}{3} = \frac{5}{3} = \frac{3 \times 2}{2}$ Subtract. $\frac{10}{3} = \frac{3 \times 2}{3 \times 3}$	Multiply. 6 21 Let's simplify each 6 = 3 x 2 = 21 3 x 7 5 = 5 x 1 = 40 5 x 8 Add. 5 + 6 6 The second fraction 6 = 3 x 2 = 3 x 3 so, 5 + 6 = 9 Divide. 10 : 3 e reciprocal of 5 2 Subtract 3 4	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Multiply. $\frac{6}{21} \times \frac{5}{40}$ Let's simplify each fraction. So we get. $\frac{6}{21} \times \frac{3}{21} \times \frac{1}{21} = \frac{2}{21} \times \frac{1}{21} \times \frac{1}{21} = \frac{2}{21} \times \frac{1}{21} \times \frac$	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Multiply. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Let's simplify each fraction. So we get. $6 = \frac{3 \times 2}{3 \times 7} = \frac{2}{7}$ $21 \times 40 \times 7 \times 8 \times 56 \times 6 \times 5 \times 5 \times 6 \times 6 \times 5 \times 6 \times 6 \times $						