

Name:

Least common multiple														
Find the least common m	nultiple ((LCM) of t	he numbers	below.										
Example : Find the least of	common	multiple	of 3 and 4.											
1. Find the multiples of ea 3:3,6,9,12,15,18,21,24 4:4,8,16,20,24,28,32,3	, 27, 30, 3		2. Find and circle the common multip 3: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 3 4: 4, 8, 16, 20, 24, 28, 32, 36, 40											
3. The common multiples 24, 36	of 3 and	d 4 are :	3. The least is 24.	common	multiple	of 3 a	and 4							
The LCM of 3 and 9 is :			The multiples	of 9 are :										
The LCM of 4 and 8 is :			The LCM of 3	sand 9 is :										
The LCM of 3 and 7 is :														
Γhe LCM of 9 and 12 is :														
Γhe LCM of 6 and 18 is :														

Class:



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mathskills4kids

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Find t	he le	ast	СО	mn	non	mı	ulti	ple	(LC	M)	of	th	e n	um	be	ers	be	low	<i>ı</i> .							
Exam	ple : I	Fin	d th	ne I	eas	st c	om	mo	n m	ulti	ple	e o	f 3	an	d 4	1.								0		7
. Find	the	mul	tip	les	of (eac	:h n	um	ber				2. F	ind	d a	nd	ci	cle	th	ес	om	mc	m	mu	Itip	les
3:3,	6, 9, 1	2, 1	15,	18, :	21,	24,	27,	30,	33, 3	6, 3	9														3,(3	6) 3
4:4,	8, 16,	20,	24	, 28	, 32	, 36	, 40)					4	: 4	ŀ, 8	, 16	5, 2	0,(2	4), 2	8, 3	32,(6) 4	10			
3. The	com	mo	n n	nult	tiple	es c	of 3	ar	nd 4	are	:	3	3. T	he	lea	ast	CC	mr	nor	n m	ulti	ple	of	3 a	and	4
24,	36												į.	s 2	4.											
										_																
The LCM of 3 and 9 is :		_{		9	\setminus			The	mu	ltip	oles	of	9 aı	e :(9,)18	3,27	36	, 45	, 54							
																					9,1	2, 1	5, 18	, 21	, 24	27).
													The	LCI	M c	of 3	an	9	is : S	9						
The LCM of 4 and 8 is :	s:		5		8				Mult	iple	es c	of 4	: 4	8,	12, (1	6) 2	0,(2	4)								
													Mult					\times	_							
													The	LCI	M c	of 4	an	8 b	is : 8	3						
-1 .	>>.4 C	_					-5		21	1																
The LCM of 3 and 7 is :					$ \uparrow $			The Mult												1	27					
								The						$\overline{}$		33, 4	+2, 4	+9, .	50,	03,	70					
										_																
The LCM of 9 and 12 is:		_	1	80	\nearrow		,	The	mu	lltip	oles	of	9 aı	e : 9	9, 18	3, 36	, 45	5, 54	1, 9	99,(108).					
							Mult	iple	es c	of 12	2:1	2, 2	4, 3	6, 4	8, 6	0, 7	2, 8	4, 9	6,(1	08).						
													The	LC	M c	of 9	an	d 12	is :	108)					
The LO	CM of	6 8	and	18	is ·		5		18	>			The	mu	ıltir	oles	of	18 =	re :	18.	36					
				.5									Mult							\smile						
																			is:							