Name: ....   Class: ....
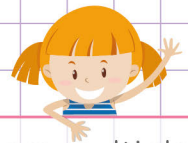
Least common multiple

Find the least common multiple (LCM) of the numbers below.

Example : Find the least common multiple of 3 and 4.

1. Find the multiples of each number	2. Find and circle the commom multiples
3 : 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39... 4 : 4, 8, 16, 20, 24, 28, 32, 36, 40...	3 : 3, 6, 9, 12, 15, 18, 21, ⟨24⟩, 27, 30, 33, ⟨36⟩ 39... 4 : 4, 8, 16, 20, ⟨24⟩, 28, 32, ⟨36⟩ 40...
3. The common multiples of 3 and 4 are : 24, 36...	3. The least common multiple of 3 and 4 is 24.

The LCM of **5** and **9** is :

The multiples of 5 are :
The multiples of 9 are :
The LCM of 5 and 9 is :

The LCM of **2** and **11** is :

The LCM of **7** and **21** is :

The LCM of **6** and **7** is :

The LCM of **3** and **5** is :

mathskills4kids

Least common multiple

Find the least common multiple (LCM) of the numbers below.

Example : Find the least common multiple of 3 and 4.

1. Find the multiples of each number
 3 : 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39...
 4 : 4, 8, 16, 20, 24, 28, 32, 36, 40...

2. Find and circle the commom multiples
 3 : 3, 6, 9, 12, 15, 18, 21, (24), 27, 30, 33, (36), 39...
 4 : 4, 8, 16, 20, (24), 28, 32, (36), 40...

3. The common multiples of 3 and 4 are :
 24, 36...

3. The least common multiple of 3 and 4
 is 24.

The LCM of **5** and **9** is : 45

Multiples of 5 : 5, 10, 15, 20, 25, 30, 35, 40, (45) 50...
The multiples of 9 are : 9, 18, 36, (45) 54,... 99, 108...
The LCM of 5 and 9 is : 45

The LCM of **2** and **11** is : 22

The multiples of 2 are : 2, 4, 6, 8, 10, 12... 18, 20, (22)..
Multiples of 11 : 11, (22) 33, 44...
The LCM of 2 and 11 is : 22

The LCM of **7** and **21** is : 21

Multiples of 7 : 7, 14, (21) 28, 35, (42) 49, 56, 63, 70...
Multiples of 21 : (21), (42) 63...
The LCM of 7 and 21 is : 21

The LCM of **6** and **7** is : 42

Multiples of 7 : 7, 14, 21, 28, 35, (42) 49, 56, 63, 70...
Multiples of 6 : 6, 12, 18, 24, 30, 36, (42) ...
The LCM of 6 and 7 is : 42

The LCM of **3** and **5** is : 15

The multiples of 3 are : 3, 6, 9, 12, (15) 18, 21, 24, 27...
Multiples of 5 : 5, 10, (15) 20...
The LCM of 3 and 15 is : 15