

Lowest Common Multiples



Find the **lowest common multiples** of the following pairs of numbers.

1 The first ten multiples of 8 and 12 are listed below.

8	16	24	32	40	48	56	64	72	80
---	----	----	----	----	----	----	----	----	----

12	24	36	48	60	72	84	96	108	120
----	----	----	----	----	----	----	----	-----	-----

What is the lowest common multiple of 8 and 12?

2 The lowest common multiple of 3 and 15 is .

3 The lowest common multiple of 8 and 20 is .

4 The lowest common multiple of 4 and 14 is .

5 The lowest common multiple of 16 and 18 is .

Lowest Common Multiples



Answers

- 1 The first ten multiples of 8 and 12 are listed below.

8	16	<u>24</u>	32	40	48	56	64	72	80
12	<u>24</u>	36	48	60	72	84	96	108	120

What is the lowest common multiple of 8 and 12?

- 2 The lowest common multiple of 3 and 15 is **15**.

- 3 The lowest common multiple of 8 and 20 is **40**.

- 4 The lowest common multiple of 4 and 14 is **28**.

- 5 The lowest common multiple of 16 and 18 is **144**.