

Name _____

Date _____

Least Common Multiple

In this worksheet, we will practice determining the least common multiple between two numbers. Basically, determining the least common multiple is finding the smallest number that both have in common when you list their multiples.

For example: Find the least common multiple of 3 and 4.

First, list the first several multiples of 3 and 4.

3: 3, 6, 9, 12, 15

4: 4, 8, 12, 16, 20

The smallest number that both have in common is 12,
so the least common multiple of 3 and 4 is 12.

Exercise Questions:

1. Determine the least common multiple of 2 and 3. _____

2. Determine the least common multiple of 4 and 6. _____

3. Determine the least common multiple of 6 and 8. _____

4. Determine the least common multiple of 8 and 12. _____

5. Determine the least common multiple of 10 and 12. _____



Answer Key

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The smallest number that both have in common is 12,
so the least common multiple of 3 and 4 is 12.

Exercise Questions:

1. Determine the least common multiple of 2 and 3. 6
2. Determine the least common multiple of 4 and 6. 12
3. Determine the least common multiple of 6 and 8. 24
4. Determine the least common multiple of 8 and 12. 24
5. Determine the least common multiple of 10 and 12. 60