



Finding Least Common Multiple

Name: _____

Find the least common multiple of both numbers.

To find the least common multiple one strategy is to list the multiples of the numbers.

4	4	8	12	16	20	24	28	32	36	40	44	48
6	6	12	18	24	30	36	42	48	54	60	66	72

Some of the multiples 4 and 6 have in common are: 12, 24, 36 & 48.
The common multiple that is least is 12.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 1)

7	_____	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____	_____
- 2)

8	_____	_____	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____	_____	_____
- 3)

12	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 4)

8	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
10	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 5)

3	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____
- 6)

6	_____	_____	_____	_____	_____	_____	_____	_____	_____
10	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 7)

4	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
12	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 8)

9	_____	_____	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____	_____	_____
- 9)

5	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
11	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 10)

12	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
11	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____



Finding Least Common Multiple

Name: **Answer Key**

Find the least common multiple of both numbers.

To find the least common multiple one strategy is to list the multiples of the numbers.

4	4	8	12	16	20	24	28	32	36	40	44	48
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Some of the multiples 4 and 6 have in common are: 12, 24, 36 & 48.

The common multiple that is least is 12.

1)
$$\begin{array}{r} 7 \quad \underline{7} \quad \underline{14} \quad \underline{21} \quad \underline{28} \quad \underline{35} \quad \underline{42} \quad \underline{49} \\ 3 \quad \underline{3} \quad \underline{6} \quad \underline{9} \quad \underline{12} \quad \underline{15} \quad \underline{18} \quad \underline{21} \end{array}$$

2)
$$\begin{array}{r} 8 \quad \underline{8} \quad \underline{16} \quad \underline{24} \quad \underline{32} \quad \underline{40} \quad \underline{48} \quad \underline{56} \quad \underline{64} \\ 3 \quad \underline{3} \quad \underline{6} \quad \underline{9} \quad \underline{12} \quad \underline{15} \quad \underline{18} \quad \underline{21} \quad \underline{24} \end{array}$$

3)
$$\begin{array}{r} 12 \quad \underline{12} \quad \underline{24} \quad \underline{36} \quad \underline{48} \quad \underline{60} \quad \underline{72} \quad \underline{84} \quad \underline{96} \quad \underline{108} \quad \underline{120} \quad \underline{132} \quad \underline{144} \\ 5 \quad \underline{5} \quad \underline{10} \quad \underline{15} \quad \underline{20} \quad \underline{25} \quad \underline{30} \quad \underline{35} \quad \underline{40} \quad \underline{45} \quad \underline{50} \quad \underline{55} \quad \underline{60} \end{array}$$

4)
$$\begin{array}{r} 8 \quad \underline{8} \quad \underline{16} \quad \underline{24} \quad \underline{32} \quad \underline{40} \quad \underline{48} \quad \underline{56} \quad \underline{64} \quad \underline{72} \quad \underline{80} \\ 10 \quad \underline{10} \quad \underline{20} \quad \underline{30} \quad \underline{40} \quad \underline{50} \quad \underline{60} \quad \underline{70} \quad \underline{80} \quad \underline{90} \quad \underline{100} \end{array}$$

5)
$$\begin{array}{r} 3 \quad \underline{3} \quad \underline{6} \quad \underline{9} \quad \underline{12} \quad \underline{15} \\ 5 \quad \underline{5} \quad \underline{10} \quad \underline{15} \quad \underline{20} \quad \underline{25} \end{array}$$

6)
$$\begin{array}{r} 6 \quad \underline{6} \quad \underline{12} \quad \underline{18} \quad \underline{24} \quad \underline{30} \quad \underline{36} \quad \underline{42} \quad \underline{48} \quad \underline{54} \quad \underline{60} \\ 10 \quad \underline{10} \quad \underline{20} \quad \underline{30} \quad \underline{40} \quad \underline{50} \quad \underline{60} \quad \underline{70} \quad \underline{80} \quad \underline{90} \quad \underline{100} \end{array}$$

7)
$$\begin{array}{r} 4 \quad \underline{4} \quad \underline{8} \quad \underline{12} \quad \underline{16} \quad \underline{20} \quad \underline{24} \quad \underline{28} \quad \underline{32} \quad \underline{36} \quad \underline{40} \quad \underline{44} \quad \underline{48} \\ 12 \quad \underline{12} \quad \underline{24} \quad \underline{36} \quad \underline{48} \quad \underline{60} \quad \underline{72} \quad \underline{84} \quad \underline{96} \quad \underline{108} \quad \underline{120} \quad \underline{132} \quad \underline{144} \end{array}$$

8)
$$\begin{array}{r} 9 \quad \underline{9} \quad \underline{18} \quad \underline{27} \quad \underline{36} \quad \underline{45} \quad \underline{54} \quad \underline{63} \quad \underline{72} \quad \underline{81} \\ 6 \quad \underline{6} \quad \underline{12} \quad \underline{18} \quad \underline{24} \quad \underline{30} \quad \underline{36} \quad \underline{42} \quad \underline{48} \quad \underline{54} \end{array}$$

9)
$$\begin{array}{r} 5 \quad \underline{5} \quad \underline{10} \quad \underline{15} \quad \underline{20} \quad \underline{25} \quad \underline{30} \quad \underline{35} \quad \underline{40} \quad \underline{45} \quad \underline{50} \quad \underline{55} \\ 11 \quad \underline{11} \quad \underline{22} \quad \underline{33} \quad \underline{44} \quad \underline{55} \quad \underline{66} \quad \underline{77} \quad \underline{88} \quad \underline{99} \quad \underline{110} \quad \underline{121} \end{array}$$

10)
$$\begin{array}{r} 12 \quad \underline{12} \quad \underline{24} \quad \underline{36} \quad \underline{48} \quad \underline{60} \quad \underline{72} \quad \underline{84} \quad \underline{96} \quad \underline{108} \quad \underline{120} \quad \underline{132} \quad \underline{144} \\ 11 \quad \underline{11} \quad \underline{22} \quad \underline{33} \quad \underline{44} \quad \underline{55} \quad \underline{66} \quad \underline{77} \quad \underline{88} \quad \underline{99} \quad \underline{110} \quad \underline{121} \quad \underline{132} \end{array}$$

Answers

1. 21

2. 24

3. 60

4. 40

5. 15

6. 30

7. 12

8. 18

9. 55

10. 132