



**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) 9 \_\_\_\_\_  
 3 \_\_\_\_\_

2) 9 \_\_\_\_\_  
 8 \_\_\_\_\_

3) 7 \_\_\_\_\_  
 3 \_\_\_\_\_

4) 7 \_\_\_\_\_  
 4 \_\_\_\_\_

5) 4 \_\_\_\_\_  
 2 \_\_\_\_\_

6) 9 \_\_\_\_\_  
 4 \_\_\_\_\_

7) 3 \_\_\_\_\_  
 6 \_\_\_\_\_

8) 11 \_\_\_\_\_  
 3 \_\_\_\_\_

9) 4 \_\_\_\_\_  
 3 \_\_\_\_\_

10) 2 \_\_\_\_\_  
 8 \_\_\_\_\_



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The common multiple that is least is 12.

1)

9	9	18	27	36	45	54	63	72	81
3	3	6	9	12	15	18	21	24	27

2)

9	9	18	27	36	45	54	63	72	81
8	8	16	24	32	40	48	56	64	72

3)

7	7	14	21	28	35	42	49
3	3	6	9	12	15	18	21

4)

7	7	14	21	28	35	42	49
4	4	8	12	16	20	24	28

5)

4	4	8	12	16
2	2	4	6	8

6)

9	9	18	27	36	45	54	63	72	81
4	4	8	12	16	20	24	28	32	36

7)

3	3	6	9	12	15	18
6	6	12	18	24	30	36

8)

11	11	22	33	44	55	66	77	88	99	110	121
3	3	6	9	12	15	18	21	24	27	30	33

9)

4	4	8	12	16
3	3	6	9	12

10)

2	2	4	6	8	10	12	14	16
8	8	16	24	32	40	48	56	64

## Answers

1. 9

2. 72

3. 21

4. 28

5. 4

6. 36

7. 6

8. 33

9. 12

10. 8