



**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) 5 \_\_\_\_\_  
 6 \_\_\_\_\_

2) 12 \_\_\_\_\_  
 8 \_\_\_\_\_

3) 8 \_\_\_\_\_  
 4 \_\_\_\_\_

4) 9 \_\_\_\_\_  
 12 \_\_\_\_\_

5) 12 \_\_\_\_\_  
 4 \_\_\_\_\_

6) 10 \_\_\_\_\_  
 6 \_\_\_\_\_

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

8) 5 \_\_\_\_\_  
 12 \_\_\_\_\_

9) 12 \_\_\_\_\_  
 2 \_\_\_\_\_

10) 11 \_\_\_\_\_  
 9 \_\_\_\_\_



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The common multiple that is least is 12.

## Answers

- 1)
 

5	5	10	15	20	25	30
6	6	12	18	24	30	36
- 2)
 

12	12	24	36	48	60	72	84	96	108	120	132	144
8	8	16	24	32	40	48	56	64	72	80	88	96
- 3)
 

8	8	16	24	32	40	48	56	64
4	4	8	12	16	20	24	28	32
- 4)
 

9	9	18	27	36	45	54	63	72	81	90	99	108
12	12	24	36	48	60	72	84	96	108	120	132	144
- 5)
 

12	12	24	36	48	60	72	84	96	108	120	132	144
4	4	8	12	16	20	24	28	32	36	40	44	48
- 6)
 

10	10	20	30	40	50	60	70	80	90	100
6	6	12	18	24	30	36	42	48	54	60
- 7)
 

3	3	6	9	12
4	4	8	12	16
- 8)
 

5	5	10	15	20	25	30	35	40	45	50	55	60
12	12	24	36	48	60	72	84	96	108	120	132	144
- 9)
 

12	12	24	36	48	60	72	84	96	108	120	132	144
2	2	4	6	8	10	12	14	16	18	20	22	24
- 10)
 

11	11	22	33	44	55	66	77	88	99	110	121
9	9	18	27	36	45	54	63	72	81	90	99

1. 30
2. 24
3. 8
4. 36
5. 12
6. 30
7. 12
8. 60
9. 12
10. 99