



**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) 8 \_\_\_\_\_  
 4 \_\_\_\_\_

2) 12 \_\_\_\_\_  
 10 \_\_\_\_\_

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

4) 5 \_\_\_\_\_  
 6 \_\_\_\_\_

5) 4 \_\_\_\_\_  
 3 \_\_\_\_\_

6) 5 \_\_\_\_\_  
 7 \_\_\_\_\_

7) 5 \_\_\_\_\_  
 12 \_\_\_\_\_

8) 3 \_\_\_\_\_  
 2 \_\_\_\_\_

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

10) 7 \_\_\_\_\_  
 2 \_\_\_\_\_



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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)

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

2)

12	12	24	36	48	60	72	84	96	108	120	132	144
10	10	20	30	40	50	60	70	80	90	100	110	120

3)

6	6	12	18	24	30	36	42
7	7	14	21	28	35	42	49

4)

5	5	10	15	20	25	30
6	6	12	18	24	30	36

5)

4	4	8	12	16
3	3	6	9	12

6)

5	5	10	15	20	25	30	35
7	7	14	21	28	35	42	49

7)

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

8)

3	3	6	9
2	2	4	6

9)

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

10)

7	7	14	21	28	35	42	49
2	2	4	6	8	10	12	14

## Answers

1. 8

2. 60

3. 42

4. 30

5. 12

6. 35

7. 60

8. 6

9. 36

10. 14