



**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 \_\_\_\_\_  
 6 \_\_\_\_\_

2) 6 \_\_\_\_\_  
 5 \_\_\_\_\_

3) 6 \_\_\_\_\_  
 10 \_\_\_\_\_

4) 11 \_\_\_\_\_  
 10 \_\_\_\_\_

5) 9 \_\_\_\_\_  
 7 \_\_\_\_\_

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

7) 6 \_\_\_\_\_  
 9 \_\_\_\_\_

8) 2 \_\_\_\_\_  
 7 \_\_\_\_\_

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

10) 12 \_\_\_\_\_  
 11 \_\_\_\_\_



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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
6	6	12	18	24	30	36	42	48

2) 

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

3) 

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

4) 

11	11	22	33	44	55	66	77	88	99	110	121
10	10	20	30	40	50	60	70	80	90	100	110

5) 

9	9	18	27	36	45	54	63	72	81
7	7	14	21	28	35	42	49	56	63

6) 

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

7) 

6	6	12	18	24	30	36	42	48	54
9	9	18	27	36	45	54	63	72	81

8) 

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

9) 

4	4	8	12	16	20	24	28	32	36	40
10	10	20	30	40	50	60	70	80	90	100

10) 

12	12	24	36	48	60	72	84	96	108	120	132	144
11	11	22	33	44	55	66	77	88	99	110	121	132

## Answers

1. 24

2. 30

3. 30

4. 110

5. 63

6. 35

7. 18

8. 14

9. 20

10. 132