



**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 \_\_\_\_\_  
 4 \_\_\_\_\_

2) 11 \_\_\_\_\_  
 3 \_\_\_\_\_

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

4) 10 \_\_\_\_\_  
 5 \_\_\_\_\_

5) 9 \_\_\_\_\_  
 11 \_\_\_\_\_

6) 7 \_\_\_\_\_  
 12 \_\_\_\_\_

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

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

9) 8 \_\_\_\_\_  
 12 \_\_\_\_\_

10) 12 \_\_\_\_\_  
 9 \_\_\_\_\_



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.

1) 

5	5	10	15	20	25
4	4	8	12	16	20

2) 

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

3) 

5	5	10	15	20	25
3	3	6	9	12	15

4) 

10	10	20	30	40	50	60	70	80	90	100
5	5	10	15	20	25	30	35	40	45	50

5) 

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

6) 

7	7	14	21	28	35	42	49	56	63	70	77	84
12	12	24	36	48	60	72	84	96	108	120	132	144

7) 

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

8) 

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

9) 

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

10) 

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

## Answers

1. 20

2. 33

3. 15

4. 10

5. 99

6. 84

7. 63

8. 8

9. 24

10. 36