



**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) 10 \_\_\_\_\_  
 5 \_\_\_\_\_

2) 6 \_\_\_\_\_  
 4 \_\_\_\_\_

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

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

5) 10 \_\_\_\_\_  
 9 \_\_\_\_\_

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

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

8) 12 \_\_\_\_\_  
 6 \_\_\_\_\_

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

10) 3 \_\_\_\_\_  
 4 \_\_\_\_\_



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) 

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

2) 

|   |   |    |    |    |    |    |
|---|---|----|----|----|----|----|
| 6 | 6 | 12 | 18 | 24 | 30 | 36 |
| 4 | 4 | 8  | 12 | 16 | 20 | 24 |

3) 

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

4) 

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

5) 

|    |    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|----|-----|
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 9  | 9  | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90  |

6) 

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

7) 

|    |    |    |    |    |    |    |    |    |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 3  | 3  | 6  | 9  | 12 | 15 | 18 | 21 | 24 | 27  | 30  | 33  | 36  |
| 12 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |

8) 

|    |    |    |    |    |    |    |    |    |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 12 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |
| 6  | 6  | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54  | 60  | 66  | 72  |

9) 

|   |   |    |    |    |    |    |    |    |    |
|---|---|----|----|----|----|----|----|----|----|
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 |

10) 

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

## Answers

1. 10
2. 12
3. 14
4. 60
5. 90
6. 6
7. 12
8. 12
9. 45
10. 12