



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	<u>4</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>20</u>	<u>24</u>	<u>28</u>	<u>32</u>	<u>36</u>	<u>40</u>	<u>44</u>	<u>48</u>
6	<u>6</u>	<u>12</u>	<u>18</u>	<u>24</u>	<u>30</u>	<u>36</u>	<u>42</u>	<u>48</u>	<u>54</u>	<u>60</u>	<u>66</u>	<u>72</u>

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

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

3) 11 \_\_\_\_\_  
6 \_\_\_\_\_

4) 5 \_\_\_\_\_  
9 \_\_\_\_\_

5) 11 \_\_\_\_\_  
3 \_\_\_\_\_

6) 11 \_\_\_\_\_  
10 \_\_\_\_\_

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

8) 2 \_\_\_\_\_  
10 \_\_\_\_\_

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

10) 9 \_\_\_\_\_  
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.

Answers

- 1) 3 3 6 9 12 15 18 21 24  
8 8 16 24 32 40 48 56 64
- 2) 6 6 12 18 24 30 36  
5 5 10 15 20 25 30
- 3) 11 11 22 33 44 55 66 77 88 99 110 121  
6 6 12 18 24 30 36 42 48 54 60 66
- 4) 5 5 10 15 20 25 30 35 40 45  
9 9 18 27 36 45 54 63 72 81
- 5) 11 11 22 33 44 55 66 77 88 99 110 121  
3 3 6 9 12 15 18 21 24 27 30 33
- 6) 11 11 22 33 44 55 66 77 88 99 110 121  
10 10 20 30 40 50 60 70 80 90 100 110
- 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) 2 2 4 6 8 10 12 14 16 18 20  
10 10 20 30 40 50 60 70 80 90 100
- 9) 5 5 10 15 20 25 30 35 40 45 50  
10 10 20 30 40 50 60 70 80 90 100
- 10) 9 9 18 27 36 45 54 63 72 81  
2 2 4 6 8 10 12 14 16 18

1. 24
2. 30
3. 66
4. 45
5. 33
6. 110
7. 12
8. 10
9. 10
10. 18