



Least common multiple of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1) 8 _____	2) 42 _____
30 _____	6 _____

3) 40 _____	4) 38 _____
16 _____	4 _____

5) 21 _____	6) 8 _____
7 _____	20 _____

7) 12 _____	8) 14 _____
42 _____	4 _____

9) 8 _____	10) 18 _____
32 _____	48 _____

11) 20 _____	12) 6 _____
30 _____	45 _____

13) 27 _____	14) 34 _____
6 _____	4 _____

15) 25 _____	16) 32 _____
4 _____	48 _____



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Find the least common multiple (LCM).

- | | |
|--|--|
| 1) 8 <u>8, 16, 24, 32, 40, 48...120</u>
30 <u>30, 60, 90, 120</u>
<u>120</u> | 2) 42 <u>42</u>
6 <u>6, 12, 18, 24, 30, 36, 42</u>
<u>42</u> |
| 3) 40 <u>40, 80</u>
16 <u>16, 32, 48, 64, 80</u>
<u>80</u> | 4) 38 <u>38, 76</u>
4 <u>4, 8, 12, 16, 20, 24, 28...76</u>
<u>76</u> |
| 5) 21 <u>21</u>
7 <u>7, 14, 21</u>
<u>21</u> | 6) 8 <u>8, 16, 24, 32, 40</u>
20 <u>20, 40</u>
<u>40</u> |
| 7) 12 <u>12, 24, 36, 48, 60, 72, 84</u>
42 <u>42, 84</u>
<u>84</u> | 8) 14 <u>14, 28</u>
4 <u>4, 8, 12, 16, 20, 24, 28</u>
<u>28</u> |
| 9) 8 <u>8, 16, 24, 32</u>
32 <u>32</u>
<u>32</u> | 10) 18 <u>18, 36, 54, 72, 90, 108, 126, 144</u>
48 <u>48, 96, 144</u>
<u>144</u> |
| 11) 20 <u>20, 40, 60</u>
30 <u>30, 60</u>
<u>60</u> | 12) 6 <u>6, 12, 18, 24, 30, 36...90</u>
45 <u>45, 90</u>
<u>90</u> |
| 13) 27 <u>27, 54</u>
6 <u>6, 12, 18, 24, 30, 36, 42, 48, 54</u>
<u>54</u> | 14) 34 <u>34, 68</u>
4 <u>4, 8, 12, 16, 20, 24, 28, 32...68</u>
<u>68</u> |
| 15) 25 <u>25, 50, 75, 100</u>
4 <u>4, 8, 12, 16, 20, 24...100</u>
<u>100</u> | 16) 32 <u>32, 64, 96</u>
48 <u>48, 96</u>
<u>96</u> |