

# Least common multiple of 2 numbers (2-30)

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## Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1. 16 \_\_\_\_\_  
10 \_\_\_\_\_

2. 7 \_\_\_\_\_  
5 \_\_\_\_\_

3. 2 \_\_\_\_\_  
25 \_\_\_\_\_

4. 8 \_\_\_\_\_  
2 \_\_\_\_\_

5. 2 \_\_\_\_\_  
27 \_\_\_\_\_

6. 16 \_\_\_\_\_  
4 \_\_\_\_\_

7. 13 \_\_\_\_\_  
12 \_\_\_\_\_

8. 17 \_\_\_\_\_  
15 \_\_\_\_\_

9. 13 \_\_\_\_\_  
20 \_\_\_\_\_

10. 4 \_\_\_\_\_  
25 \_\_\_\_\_

11. 27 \_\_\_\_\_  
7 \_\_\_\_\_

12. 4 \_\_\_\_\_  
16 \_\_\_\_\_

13. 8 \_\_\_\_\_  
25 \_\_\_\_\_

14. 10 \_\_\_\_\_  
8 \_\_\_\_\_

15. 2 \_\_\_\_\_  
12 \_\_\_\_\_

16. 2 \_\_\_\_\_  
11 \_\_\_\_\_

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Find the least common multiple (LCM).

- |     |    |                            |            |     |    |                           |            |
|-----|----|----------------------------|------------|-----|----|---------------------------|------------|
| 1.  | 16 | <u>16, 32, 48, 64, 80</u>  | <u>80</u>  | 2.  | 7  | <u>7, 14, 21, 28, 35</u>  | <u>35</u>  |
|     | 10 | <u>10, 20, 30, 40, 50</u>  |            |     | 5  | <u>5, 10, 15, 20, 25</u>  |            |
| 3.  | 2  | <u>2, 4, 6, 8, 10</u>      | <u>50</u>  | 4.  | 8  | <u>8</u>                  | <u>8</u>   |
|     | 25 | <u>25, 50</u>              |            |     | 2  | <u>2, 4, 6, 8</u>         |            |
| 5.  | 2  | <u>2, 4, 6, 8, 10</u>      | <u>54</u>  | 6.  | 16 | <u>16</u>                 | <u>16</u>  |
|     | 27 | <u>27, 54</u>              |            |     | 4  | <u>4, 8, 12, 16</u>       |            |
| 7.  | 13 | <u>13, 26, 39, 52, 65</u>  | <u>156</u> | 8.  | 17 | <u>17, 34, 51, 68, 85</u> | <u>255</u> |
|     | 12 | <u>12, 24, 36, 48, 60</u>  |            |     | 15 | <u>15, 30, 45, 60, 75</u> |            |
| 9.  | 13 | <u>13, 26, 39, 52, 65</u>  | <u>260</u> | 10. | 4  | <u>4, 8, 12, 16, 20</u>   | <u>100</u> |
|     | 20 | <u>20, 40, 60, 80, 100</u> |            |     | 25 | <u>25, 50, 75, 100</u>    |            |
| 11. | 27 | <u>27, 54, 81, 108,</u>    | <u>189</u> | 12. | 4  | <u>4, 8, 12, 16</u>       | <u>16</u>  |
|     |    | <u>135</u>                 |            |     | 16 | <u>16</u>                 |            |
|     | 7  | <u>7, 14, 21, 28, 35</u>   |            |     |    |                           |            |
| 13. | 8  | <u>8, 16, 24, 32, 40</u>   | <u>200</u> | 14. | 10 | <u>10, 20, 30, 40</u>     | <u>40</u>  |
|     | 25 | <u>25, 50, 75, 100,</u>    |            |     | 8  | <u>8, 16, 24, 32, 40</u>  |            |
|     |    | <u>125</u>                 |            |     |    |                           |            |
| 15. | 2  | <u>2, 4, 6, 8, 10</u>      | <u>12</u>  | 16. | 2  | <u>2, 4, 6, 8, 10</u>     | <u>22</u>  |
|     | 12 | <u>12</u>                  |            |     | 11 | <u>11, 22</u>             |            |