

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

---

## Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1.  $\begin{array}{l} 2 \\ 6 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

2.  $\begin{array}{l} 4 \\ 22 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

3.  $\begin{array}{l} 6 \\ 8 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

4.  $\begin{array}{l} 18 \\ 7 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

5.  $\begin{array}{l} 25 \\ 6 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

6.  $\begin{array}{l} 17 \\ 23 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

7.  $\begin{array}{l} 6 \\ 24 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

8.  $\begin{array}{l} 17 \\ 11 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

9.  $\begin{array}{l} 2 \\ 9 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

10.  $\begin{array}{l} 15 \\ 27 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11.  $\begin{array}{l} 28 \\ 18 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

12.  $\begin{array}{l} 18 \\ 16 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

13.  $\begin{array}{l} 4 \\ 5 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

14.  $\begin{array}{l} 3 \\ 2 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

15.  $\begin{array}{l} 6 \\ 7 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

16.  $\begin{array}{l} 14 \\ 26 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

### Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

- |     |    |                             |            |     |    |                             |            |
|-----|----|-----------------------------|------------|-----|----|-----------------------------|------------|
| 1.  | 2  | <u>2, 4, 6</u>              | <u>6</u>   | 2.  | 4  | <u>4, 8, 12, 16, 20</u>     | <u>44</u>  |
|     | 6  | <u>6</u>                    |            |     | 22 | <u>22, 44</u>               |            |
| 3.  | 6  | <u>6, 12, 18, 24</u>        | <u>24</u>  | 4.  | 18 | <u>18, 36, 54, 72, 90</u>   | <u>126</u> |
|     | 8  | <u>8, 16, 24</u>            |            |     | 7  | <u>7, 14, 21, 28, 35</u>    |            |
| 5.  | 25 | <u>25, 50, 75, 100, 125</u> | <u>150</u> | 6.  | 17 | <u>17, 34, 51, 68, 85</u>   | <u>391</u> |
|     | 6  | <u>6, 12, 18, 24, 30</u>    |            |     | 23 | <u>23, 46, 69, 92, 115</u>  |            |
| 7.  | 6  | <u>6, 12, 18, 24</u>        | <u>24</u>  | 8.  | 17 | <u>17, 34, 51, 68, 85</u>   | <u>187</u> |
|     | 24 | <u>24</u>                   |            |     | 11 | <u>11, 22, 33, 44, 55</u>   |            |
| 9.  | 2  | <u>2, 4, 6, 8, 10</u>       | <u>18</u>  | 10. | 15 | <u>15, 30, 45, 60, 75</u>   | <u>135</u> |
|     | 9  | <u>9, 18</u>                |            |     | 27 | <u>27, 54, 81, 108, 135</u> |            |
| 11. | 28 | <u>28, 56, 84, 112, 140</u> | <u>252</u> | 12. | 18 | <u>18, 36, 54, 72, 90</u>   | <u>144</u> |
|     | 18 | <u>18, 36, 54, 72, 90</u>   |            |     | 16 | <u>16, 32, 48, 64, 80</u>   |            |
| 13. | 4  | <u>4, 8, 12, 16, 20</u>     | <u>20</u>  | 14. | 3  | <u>3, 6</u>                 | <u>6</u>   |
|     | 5  | <u>5, 10, 15, 20</u>        |            |     | 2  | <u>2, 4, 6</u>              |            |
| 15. | 6  | <u>6, 12, 18, 24, 30</u>    | <u>42</u>  | 16. | 14 | <u>14, 28, 42, 56, 70</u>   | <u>182</u> |
|     | 7  | <u>7, 14, 21, 28, 35</u>    |            |     | 26 | <u>26, 52, 78, 104, 130</u> |            |