

Least common multiple of 2 numbers (2-30)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1) $\begin{array}{l} 6 \\ 21 \end{array}$ _____

2) $\begin{array}{l} 3 \\ 5 \end{array}$ _____

3) $\begin{array}{l} 4 \\ 9 \end{array}$ _____

4) $\begin{array}{l} 3 \\ 13 \end{array}$ _____

5) $\begin{array}{l} 11 \\ 2 \end{array}$ _____

6) $\begin{array}{l} 4 \\ 12 \end{array}$ _____

7) $\begin{array}{l} 8 \\ 12 \end{array}$ _____

8) $\begin{array}{l} 28 \\ 7 \end{array}$ _____

9) $\begin{array}{l} 25 \\ 10 \end{array}$ _____

10) $\begin{array}{l} 30 \\ 6 \end{array}$ _____

11) $\begin{array}{l} 6 \\ 8 \end{array}$ _____

12) $\begin{array}{l} 7 \\ 3 \end{array}$ _____

13) $\begin{array}{l} 15 \\ 6 \end{array}$ _____

14) $\begin{array}{l} 4 \\ 18 \end{array}$ _____

15) $\begin{array}{l} 24 \\ 12 \end{array}$ _____

16) $\begin{array}{l} 9 \\ 6 \end{array}$ _____

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|-----|----|---|-----------|-----|----|--|-----------|
| 1) | 6 | <u>6, 12, 18, 24, 30, 36, 42</u> | <u>42</u> | 2) | 3 | <u>3, 6, 9, 12, 15</u> | <u>15</u> |
| | 21 | <u>21, 42</u> | | | 5 | <u>5, 10, 15</u> | |
| 3) | 4 | <u>4, 8, 12, 16, 20, 24, 28, 32, 36</u> | <u>36</u> | 4) | 3 | <u>3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39</u> | <u>39</u> |
| | 9 | <u>9, 18, 27, 36</u> | | | 13 | <u>13, 26, 39</u> | |
| 5) | 11 | <u>11, 22</u> | <u>22</u> | 6) | 4 | <u>4, 8, 12</u> | <u>12</u> |
| | 2 | <u>2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22</u> | | | 12 | <u>12</u> | |
| 7) | 8 | <u>8, 16, 24</u> | <u>24</u> | 8) | 28 | <u>28</u> | <u>28</u> |
| | 12 | <u>12, 24</u> | | | 7 | <u>7, 14, 21, 28</u> | |
| 9) | 25 | <u>25, 50</u> | <u>50</u> | 10) | 30 | <u>30</u> | <u>30</u> |
| | 10 | <u>10, 20, 30, 40, 50</u> | | | 6 | <u>6, 12, 18, 24, 30</u> | |
| 11) | 6 | <u>6, 12, 18, 24</u> | <u>24</u> | 12) | 7 | <u>7, 14, 21</u> | <u>21</u> |
| | 8 | <u>8, 16, 24</u> | | | 3 | <u>3, 6, 9, 12, 15, 18, 21</u> | |
| 13) | 15 | <u>15, 30</u> | <u>30</u> | 14) | 4 | <u>4, 8, 12, 16, 20, 24, 28, 32, 36</u> | <u>36</u> |
| | 6 | <u>6, 12, 18, 24, 30</u> | | | 18 | <u>18, 36</u> | |
| 15) | 24 | <u>24</u> | <u>24</u> | 16) | 9 | <u>9, 18</u> | <u>18</u> |
| | 12 | <u>12, 24</u> | | | 6 | <u>6, 12, 18</u> | |