



Least common multiple of 2 numbers (2-30)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1. $\begin{array}{l} 9 \\ 15 \end{array}$ _____

2. $\begin{array}{l} 3 \\ 6 \end{array}$ _____

3. $\begin{array}{l} 22 \\ 8 \end{array}$ _____

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

5. $\begin{array}{l} 2 \\ 28 \end{array}$ _____

6. $\begin{array}{l} 8 \\ 9 \end{array}$ _____

7. $\begin{array}{l} 6 \\ 4 \end{array}$ _____

8. $\begin{array}{l} 23 \\ 6 \end{array}$ _____

9. $\begin{array}{l} 26 \\ 2 \end{array}$ _____

10. $\begin{array}{l} 10 \\ 2 \end{array}$ _____

11. $\begin{array}{l} 9 \\ 8 \end{array}$ _____

12. $\begin{array}{l} 24 \\ 4 \end{array}$ _____

13. $\begin{array}{l} 27 \\ 7 \end{array}$ _____

14. $\begin{array}{l} 8 \\ 15 \end{array}$ _____

15. $\begin{array}{l} 11 \\ 16 \end{array}$ _____

16. $\begin{array}{l} 6 \\ 25 \end{array}$ _____

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Find the least common multiple (LCM).

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|-----|----|---------------------------|------------|-----|----|----------------------------|------------|
| 1. | 9 | <u>9, 18, 27, 36, 45</u> | <u>45</u> | 2. | 3 | <u>3, 6</u> | <u>6</u> |
| | 15 | <u>15, 30, 45</u> | | | 6 | <u>6</u> | |
| 3. | 22 | <u>22, 44, 66, 88</u> | <u>88</u> | 4. | 13 | <u>13, 26, 39, 52, 65</u> | <u>65</u> |
| | 8 | <u>8, 16, 24, 32, 40</u> | | | 5 | <u>5, 10, 15, 20, 25</u> | |
| 5. | 2 | <u>2, 4, 6, 8, 10</u> | <u>28</u> | 6. | 8 | <u>8, 16, 24, 32, 40</u> | <u>72</u> |
| | 28 | <u>28</u> | | | 9 | <u>9, 18, 27, 36, 45</u> | |
| 7. | 6 | <u>6, 12</u> | <u>12</u> | 8. | 23 | <u>23, 46, 69, 92, 115</u> | <u>138</u> |
| | 4 | <u>4, 8, 12</u> | | | 6 | <u>6, 12, 18, 24, 30</u> | |
| 9. | 26 | <u>26</u> | <u>26</u> | 10. | 10 | <u>10</u> | <u>10</u> |
| | 2 | <u>2, 4, 6, 8, 10</u> | | | 2 | <u>2, 4, 6, 8, 10</u> | |
| 11. | 9 | <u>9, 18, 27, 36, 45</u> | <u>72</u> | 12. | 24 | <u>24</u> | <u>24</u> |
| | 8 | <u>8, 16, 24, 32, 40</u> | | | 4 | <u>4, 8, 12, 16, 20</u> | |
| 13. | 27 | <u>27, 54, 81, 108,</u> | <u>189</u> | 14. | 8 | <u>8, 16, 24, 32, 40</u> | <u>120</u> |
| | | <u>135</u> | | | 15 | <u>15, 30, 45, 60, 75</u> | |
| | 7 | <u>7, 14, 21, 28, 35</u> | | | | | |
| 15. | 11 | <u>11, 22, 33, 44, 55</u> | <u>176</u> | 16. | 6 | <u>6, 12, 18, 24, 30</u> | <u>150</u> |
| | 16 | <u>16, 32, 48, 64, 80</u> | | | 25 | <u>25, 50, 75, 100,</u> | |
| | | | | | | <u>125</u> | |