



Least common multiple of 2 numbers (2-30)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1. $\begin{array}{l} 18 \\ 9 \end{array}$ _____

2. $\begin{array}{l} 30 \\ 8 \end{array}$ _____

3. $\begin{array}{l} 19 \\ 3 \end{array}$ _____

4. $\begin{array}{l} 4 \\ 3 \end{array}$ _____

5. $\begin{array}{l} 6 \\ 28 \end{array}$ _____

6. $\begin{array}{l} 20 \\ 30 \end{array}$ _____

7. $\begin{array}{l} 30 \\ 13 \end{array}$ _____

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

9. $\begin{array}{l} 3 \\ 12 \end{array}$ _____

10. $\begin{array}{l} 9 \\ 22 \end{array}$ _____

11. $\begin{array}{l} 5 \\ 15 \end{array}$ _____

12. $\begin{array}{l} 15 \\ 23 \end{array}$ _____

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

14. $\begin{array}{l} 26 \\ 13 \end{array}$ _____

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

16. $\begin{array}{l} 3 \\ 10 \end{array}$ _____

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|-----|----|---------------------------|------------|-----|----|----------------------------|------------|
| 1. | 18 | <u>18</u> | <u>18</u> | 2. | 30 | <u>30, 60, 90, 120</u> | <u>120</u> |
| | 9 | <u>9, 18</u> | | | 8 | <u>8, 16, 24, 32, 40</u> | |
| 3. | 19 | <u>19, 38, 57</u> | <u>57</u> | 4. | 4 | <u>4, 8, 12</u> | <u>12</u> |
| | 3 | <u>3, 6, 9, 12, 15</u> | | | 3 | <u>3, 6, 9, 12</u> | |
| 5. | 6 | <u>6, 12, 18, 24, 30</u> | <u>84</u> | 6. | 20 | <u>20, 40, 60</u> | <u>60</u> |
| | 28 | <u>28, 56, 84</u> | | | 30 | <u>30, 60</u> | |
| 7. | 30 | <u>30, 60, 90, 120,</u> | <u>390</u> | 8. | 6 | <u>6</u> | <u>6</u> |
| | | <u>150</u> | | | 2 | <u>2, 4, 6</u> | |
| | 13 | <u>13, 26, 39, 52, 65</u> | | | | | |
| 9. | 3 | <u>3, 6, 9, 12</u> | <u>12</u> | 10. | 9 | <u>9, 18, 27, 36, 45</u> | <u>198</u> |
| | 12 | <u>12</u> | | | 22 | <u>22, 44, 66, 88, 110</u> | |
| 11. | 5 | <u>5, 10, 15</u> | <u>15</u> | 12. | 15 | <u>15, 30, 45, 60, 75</u> | <u>345</u> |
| | 15 | <u>15</u> | | | 23 | <u>23, 46, 69, 92, 115</u> | |
| 13. | 6 | <u>6, 12, 18</u> | <u>18</u> | 14. | 26 | <u>26</u> | <u>26</u> |
| | 9 | <u>9, 18</u> | | | 13 | <u>13, 26</u> | |
| 15. | 15 | <u>15, 30, 45, 60, 75</u> | <u>120</u> | 16. | 3 | <u>3, 6, 9, 12, 15</u> | <u>30</u> |
| | 8 | <u>8, 16, 24, 32, 40</u> | | | 10 | <u>10, 20, 30</u> | |