

Least common multiple of 2 numbers (2-200)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1) $\begin{array}{r} 2 \\ 31 \end{array}$ _____

2) $\begin{array}{r} 121 \\ 11 \end{array}$ _____

3) $\begin{array}{r} 185 \\ 10 \end{array}$ _____

4) $\begin{array}{r} 9 \\ 16 \end{array}$ _____

5) $\begin{array}{r} 14 \\ 49 \end{array}$ _____

6) $\begin{array}{r} 15 \\ 100 \end{array}$ _____

7) $\begin{array}{r} 8 \\ 15 \end{array}$ _____

8) $\begin{array}{r} 126 \\ 14 \end{array}$ _____

9) $\begin{array}{r} 18 \\ 30 \end{array}$ _____

10) $\begin{array}{r} 12 \\ 8 \end{array}$ _____

11) $\begin{array}{r} 8 \\ 14 \end{array}$ _____

12) $\begin{array}{r} 16 \\ 40 \end{array}$ _____

13) $\begin{array}{r} 56 \\ 16 \end{array}$ _____

14) $\begin{array}{r} 99 \\ 18 \end{array}$ _____

15) $\begin{array}{r} 32 \\ 48 \end{array}$ _____

16) $\begin{array}{r} 8 \\ 124 \end{array}$ _____

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|-----|-----|--------------------------------------|------------|-----|-----|----------------------------------|------------|
| 1) | 2 | <u>2, 4, 6, 8, 10...62</u> | <u>62</u> | 2) | 121 | <u>121</u> | <u>121</u> |
| | 31 | <u>31, 62</u> | | | 11 | <u>11, 22, 33, 44, 55... 121</u> | |
| 3) | 185 | <u>185, 370</u> | <u>370</u> | 4) | 9 | <u>9, 18, 27, 36, 45... 144</u> | <u>144</u> |
| | 10 | <u>10, 20, 30, 40, 50, 60... 370</u> | | | 16 | <u>16, 32, 48, 64, 80...144</u> | |
| 5) | 14 | <u>14, 28, 42, 56, 70...98</u> | <u>98</u> | 6) | 15 | <u>15, 30, 45, 60, 75...300</u> | <u>300</u> |
| | 49 | <u>49, 98</u> | | | 100 | <u>100, 200, 300</u> | |
| 7) | 8 | <u>8, 16, 24, 32, 40, 48... 120</u> | <u>120</u> | 8) | 126 | <u>126</u> | <u>126</u> |
| | 15 | <u>15, 30, 45, 60, 75... 120</u> | | | 14 | <u>14, 28, 42, 56, 70... 126</u> | |
| 9) | 18 | <u>18, 36, 54, 72, 90</u> | <u>90</u> | 10) | 12 | <u>12, 24</u> | <u>24</u> |
| | 30 | <u>30, 60, 90</u> | | | 8 | <u>8, 16, 24</u> | |
| 11) | 8 | <u>8, 16, 24, 32, 40... 56</u> | <u>56</u> | 12) | 16 | <u>16, 32, 48, 64, 80</u> | <u>80</u> |
| | 14 | <u>14, 28, 42, 56</u> | | | 40 | <u>40, 80</u> | |
| 13) | 56 | <u>56, 112</u> | <u>112</u> | 14) | 99 | <u>99, 198</u> | <u>198</u> |
| | 16 | <u>16, 32, 48, 64, 80... 112</u> | | | 18 | <u>18, 36, 54, 72, 90... 198</u> | |
| 15) | 32 | <u>32, 64, 96</u> | <u>96</u> | 16) | 8 | <u>8, 16, 24, 32, 40... 248</u> | <u>248</u> |
| | 48 | <u>48, 96</u> | | | 124 | <u>124, 248</u> | |