

Least common multiple of 2 numbers (2-100)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1) $\begin{array}{r} 54 \\ 12 \end{array}$ _____

2) $\begin{array}{r} 56 \\ 14 \end{array}$ _____

3) $\begin{array}{r} 4 \\ 44 \end{array}$ _____

4) $\begin{array}{r} 72 \\ 16 \end{array}$ _____

5) $\begin{array}{r} 14 \\ 63 \end{array}$ _____

6) $\begin{array}{r} 27 \\ 81 \end{array}$ _____

7) $\begin{array}{r} 25 \\ 10 \end{array}$ _____

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

9) $\begin{array}{r} 18 \\ 24 \end{array}$ _____

10) $\begin{array}{r} 56 \\ 14 \end{array}$ _____

11) $\begin{array}{r} 12 \\ 18 \end{array}$ _____

12) $\begin{array}{r} 16 \\ 28 \end{array}$ _____

13) $\begin{array}{r} 45 \\ 18 \end{array}$ _____

14) $\begin{array}{r} 15 \\ 50 \end{array}$ _____

15) $\begin{array}{r} 7 \\ 49 \end{array}$ _____

16) $\begin{array}{r} 24 \\ 64 \end{array}$ _____

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- | | | | | | | | |
|-----|----|----------------------------------|------------|-----|----|-----------------------------------|------------|
| 1) | 54 | <u>54, 108</u> | <u>108</u> | 2) | 56 | <u>56</u> | <u>56</u> |
| | 12 | <u>12, 24, 36, 48, 60... 108</u> | | | 14 | <u>14, 28, 42, 56</u> | |
| 3) | 4 | <u>4, 8, 12, 16, 20... 44</u> | <u>44</u> | 4) | 72 | <u>72, 144</u> | <u>144</u> |
| | 44 | <u>44</u> | | | 16 | <u>16, 32, 48, 64, 80... 144</u> | |
| 5) | 14 | <u>14, 28, 42, 56, 70... 126</u> | <u>126</u> | 6) | 27 | <u>27, 54, 81</u> | <u>81</u> |
| | 63 | <u>63, 126</u> | | | 81 | <u>81</u> | |
| 7) | 25 | <u>25, 50</u> | <u>50</u> | 8) | 40 | <u>40, 80, 120</u> | <u>120</u> |
| | 10 | <u>10, 20, 30, 40, 50</u> | | | 12 | <u>12, 24, 36, 48, 60... 120</u> | |
| 9) | 18 | <u>18, 36, 54, 72</u> | <u>72</u> | 10) | 56 | <u>56</u> | <u>56</u> |
| | 24 | <u>24, 48, 72</u> | | | 14 | <u>14, 28, 42, 56</u> | |
| 11) | 12 | <u>12, 24, 36</u> | <u>36</u> | 12) | 16 | <u>16, 32, 48, 64, 80... 112</u> | <u>112</u> |
| | 18 | <u>18, 36</u> | | | 28 | <u>28, 56, 84, 112</u> | |
| 13) | 45 | <u>45, 90</u> | <u>90</u> | 14) | 15 | <u>15, 30, 45, 60, 75... 150</u> | <u>150</u> |
| | 18 | <u>18, 36, 54, 72, 90</u> | | | 50 | <u>50, 100, 150</u> | |
| 15) | 7 | <u>7, 14, 21, 28, 35, 42, 49</u> | <u>49</u> | 16) | 24 | <u>24, 48, 72, 96, 120... 192</u> | <u>192</u> |
| | 49 | <u>49</u> | | | 64 | <u>64, 128, 192</u> | |