

Least common multiple of 2 numbers (2-100)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1) $\begin{array}{r} 15 \\ 9 \end{array}$ _____

2) $\begin{array}{r} 4 \\ 42 \end{array}$ _____

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

4) $\begin{array}{r} 42 \\ 12 \end{array}$ _____

5) $\begin{array}{r} 22 \\ 3 \end{array}$ _____

6) $\begin{array}{r} 21 \\ 42 \end{array}$ _____

7) $\begin{array}{r} 4 \\ 56 \end{array}$ _____

8) $\begin{array}{r} 18 \\ 48 \end{array}$ _____

9) $\begin{array}{r} 72 \\ 48 \end{array}$ _____

10) $\begin{array}{r} 60 \\ 18 \end{array}$ _____

11) $\begin{array}{r} 15 \\ 20 \end{array}$ _____

12) $\begin{array}{r} 18 \\ 60 \end{array}$ _____

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

14) $\begin{array}{r} 15 \\ 70 \end{array}$ _____

15) $\begin{array}{r} 72 \\ 36 \end{array}$ _____

16) $\begin{array}{r} 32 \\ 10 \end{array}$ _____

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|--------|------------------------------|------------|--------|---------------------------------|------------|
| 1) 15 | <u>15, 30, 45</u> | <u>45</u> | 2) 4 | <u>4, 8, 12, 16, 20...84</u> | <u>84</u> |
| 9 | <u>9, 18, 27, 36, 45</u> | | 42 | <u>42, 84</u> | |
| 3) 27 | <u>27, 54, 81</u> | <u>81</u> | 4) 42 | <u>42, 84</u> | <u>84</u> |
| 81 | <u>81</u> | | 12 | <u>12, 24, 36, 48, 60...84</u> | |
| 5) 22 | <u>22, 44, 66</u> | <u>66</u> | 6) 21 | <u>21, 42</u> | <u>42</u> |
| 3 | <u>3, 6, 9, 12, 15...66</u> | | 42 | <u>42</u> | |
| 7) 4 | <u>4, 8, 12, 16, 20...56</u> | <u>56</u> | 8) 18 | <u>18, 36, 54, 72, 90...144</u> | <u>144</u> |
| 56 | <u>56</u> | | 48 | <u>48, 96, 144</u> | |
| 9) 72 | <u>72, 144</u> | <u>144</u> | 10) 60 | <u>60, 120, 180</u> | <u>180</u> |
| 48 | <u>48, 96, 144</u> | | 18 | <u>18, 36, 54, 72, 90...180</u> | |
| 11) 15 | <u>15, 30, 45, 60</u> | <u>60</u> | 12) 18 | <u>18, 36, 54, 72, 90...180</u> | <u>180</u> |
| 20 | <u>20, 40, 60</u> | | 60 | <u>60, 120, 180</u> | |
| 13) 18 | <u>18, 36, 54, 72, 90</u> | <u>90</u> | 14) 15 | <u>15, 30, 45, 60, 75...210</u> | <u>210</u> |
| 45 | <u>45, 90</u> | | 70 | <u>70, 140, 210</u> | |
| 15) 72 | <u>72</u> | <u>72</u> | 16) 32 | <u>32, 64, 96, 128, 160</u> | <u>160</u> |
| 36 | <u>36, 72</u> | | 10 | <u>10, 20, 30, 40, 50...160</u> | |