



Least common multiple (LCM)

Grade 6 Factoring Worksheet

Find the least common multiple of the three numbers.

1) $8, 12, 16 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

9) $11, 22, 33 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

2) $5, 15, 80 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

10) $2, 5, 65 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

3) $6, 9, 72 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

11) $12, 15, 20 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

4) $7, 14, 21 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

12) $6, 75, 15 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

5) $10, 25, 100 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

13) $8, 20, 80 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

6) $3, 18, 72 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

14) $14, 21, 28 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

7) $4, 8, 64 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

15) $16, 24, 32 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

8) $9, 18, 27 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

16) $18, 27, 36 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$



Answers

1) 48

2) 240

3) 72

4) 42

5) 100

6) 72

7) 64

8) 54

9) 66

10) 130

11) 60

12) 150

13) 80

14) 84

15) 96

16) 108