

Least common multiple (LCM)

Grade 6 Factoring Worksheet

Find the least common multiple of the three numbers.

1) $4, 6, 8 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

9) $10, 15, 20 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

2) $5, 10, 15 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

10) $12, 16, 24 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

3) $7, 14, 21 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

11) $3, 6, 9 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

4) $3, 12, 18 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

12) $4, 10, 20 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

5) $6, 8, 12 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

13) $8, 12, 16 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

6) $9, 15, 25 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

14) $6, 9, 18 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

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

15) $7, 21, 28 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

8) $5, 8, 20 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

16) $5, 6, 30 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

Answers

1) 24

2) 30

3) 42

4) 36

5) 24

6) 225

7) 14

8) 40

9) 60

10) 48

11) 18

12) 20

13) 48

14) 18

15) 84

16) 30