



Least common multiple (LCM)

Grade 6 Factoring Worksheet

Find the least common multiple of the three numbers.

1. $3, 5, 7 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

9. $3, 8, 11 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

2. $4, 5, 9 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

10. $5, 12, 18 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

3. $6, 11, 13 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

11. $6, 13, 4 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

4. $2, 9, 15 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

12. $4, 7, 15 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

5. $8, 15, 20 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

13. $9, 10, 11 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

6. $7, 8, 9 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

14. $8, 25, 6 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

7. $10, 11, 12 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

15. $2, 15, 22 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

8. $2, 11, 25 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$

16. $3, 14, 20 \rightarrow \text{LCM} = \underline{\hspace{2cm}}$



Answers

1) 105

9) 264

2) 180

10) 180

3) 858

11) 156

4) 90

12) 420

5) 120

13) 990

6) 504

14) 600

7) 660

15) 660

8) 550

16) 420