

1.6: Least Common Multiple pg 38

Factor: $10 \Rightarrow 1, 2, 5, 10$

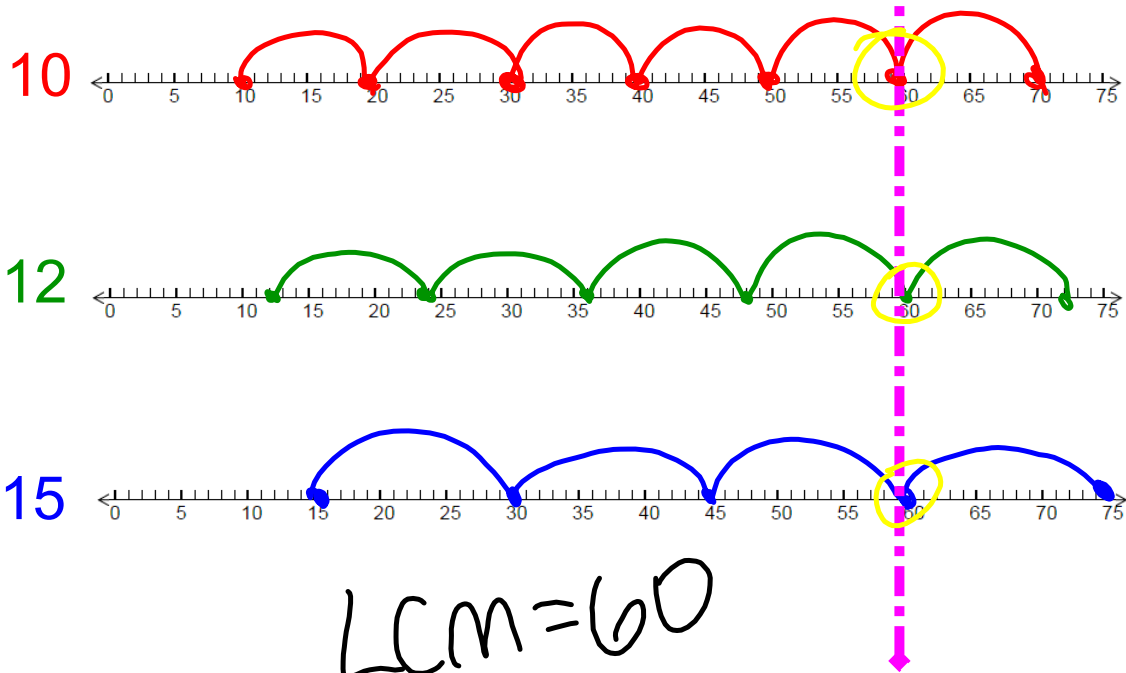
Mult.: $10 \Rightarrow 10, 20, 30, \dots$

Least Common Multiple:

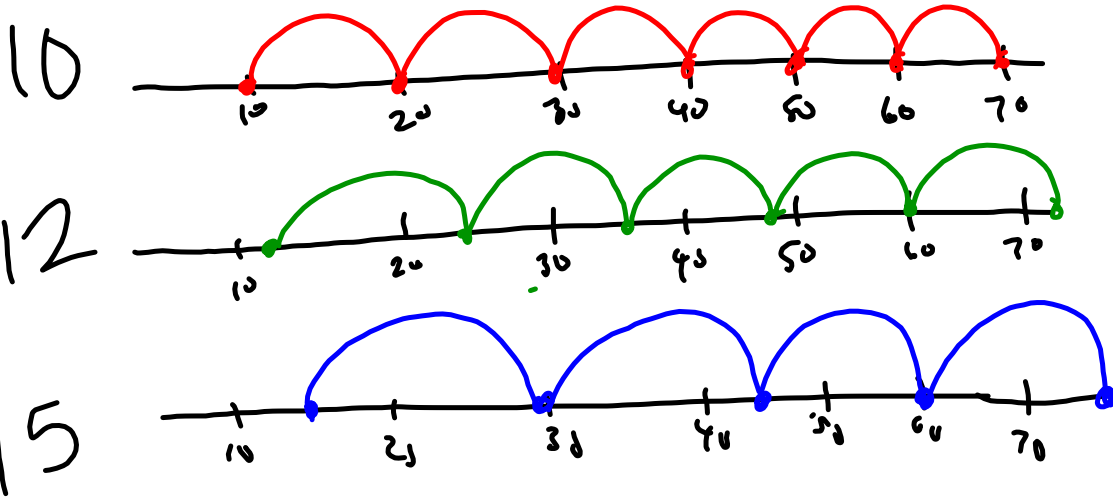
\hookrightarrow smallest # that 2 or more #s will multiply to get.

\hookrightarrow smallest multiple 2 or more #s share

find the LCM of 10, 12, and 15.



Find LCM of 10, 12, & 15



Example 1 : Find LCM.

a.) 9, 7

7: 7 14 21 28 35 42 49 56 63

9: 9 18 27 36 45 54 63

LCM = 63

b) 4, 8

4: 4 (E)

8: (8)

LCF: 8

C.) 6, 10

6: 6, 12, 18, 24, 30

10: 10, 20, 30

L (M: 30)

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