

**Lowest Common Multiple****Find the lowest common multiple?**

1) **35 , 10 =**

2) **50 , 14 =**

3) **9 , 40 =**

4) **36 , 8 =**

5) **48 , 4 =**

6) **21 , 44 =**

7) **50 , 2 =**

## Lowest Common Multiple: Solutions

1) **35 , 10**      $35 = 5 \times 7$   
                           $10 = 2 \times 5$   
                          **LCM (35, 10) = 70**

2) **50 , 14**      $50 = 2 \times 5 \times 5$   
                           $14 = 2 \times 7$   
                          **LCM (50, 14) = 350**

3) **9 , 40**      $9 = 3 \times 3$   
                           $40 = 2 \times 2 \times 2 \times 5$   
                          **LCM (9, 40) = 360**

4) **36 , 8**      $36 = 2 \times 2 \times 3 \times 3$   
                           $8 = 2 \times 2 \times 2$   
                          **LCM (36, 8) = 72**

5) **48 , 4**      $48 = 2 \times 2 \times 2 \times 2 \times 3$   
                           $4 = 2 \times 2$   
                          **LCM (48, 4) = 48**

6) **21 , 44**      $21 = 3 \times 7$   
                           $44 = 2 \times 2 \times 11$   
                          **LCM (21, 44) = 924**

7) **50 , 2**      $50 = 2 \times 5 \times 5$   
                           $2 = 2$   
                          **LCM (50, 2) = 50**