Least Common Multiple

Find least common multiple by using prime factorization method.

1) **3, 5**

Factors of 3   =   _____

Factors of 5   =   _____

LCM (3, 5)

2) **7, 2**

Factors of 7   =   _____

Factors of 2   =   _____

LCM (7, 2)

3) **5, 4**

Factors of 5   =   _____

Factors of 4   =   _____

LCM (5, 4)

4) **3, 8**

Factors of 3   =   _____

Factors of 8   =   _____

LCM (3, 8)

5) **9, 6**

Factors of 9   =   _____

Factors of 6   =   _____

LCM (9, 6)

6) **6, 3**

Factors of 6   =   _____

Factors of 3   =   _____

LCM (6, 3)

Least Common Multiple

Find least common multiple by using prime factorization method.

1) **3, 5**

Factors of 3   =   1, 3 _____

Factors of 5   =   1, 5 _____

LCM (3, 5)

15

2) **7, 2**

Factors of 7   =   1, 7 _____

Factors of 2   =   1, 2 _____

LCM (7, 2)

14

3) **5, 4**

Factors of 5   =   1, 5 _____

Factors of 4   =   1, 2, 4 _____

LCM (5, 4)

20

4) **3, 8**

Factors of 3   =   1, 3 _____

Factors of 8   =   1, 2, 4, 8 _____

LCM (3, 8)

24

5) **9, 6**

Factors of 9   =   1, 3, 9 _____

Factors of 6   =   1, 2, 3, 6 _____

LCM (9, 6)

18

6) **6, 3**

Factors of 6   =   1, 2, 3, 6 _____

Factors of 3   =   1, 3 _____

LCM (6, 3)

6