

Least Common Multiple

Name: _____

Date: _____

Find least common multiple by using prime factorization method.

1) **2, 9**

Factors of 2 = _____

Factors of 9 = _____

LCM (2, 9)

2) **3, 6**

Factors of 3 = _____

Factors of 6 = _____

LCM (3, 6)

3) **5, 9**

Factors of 5 = _____

Factors of 9 = _____

LCM (5, 9)

4) **8, 10**

Factors of 8 = _____

Factors of 10 = _____

LCM (8, 10)

5) **4, 7**

Factors of 4 = _____

Factors of 7 = _____

LCM (4, 7)

6) **4, 2**

Factors of 4 = _____

Factors of 2 = _____

LCM (4, 2)

Least Common Multiple

Name: _____

Date: _____

Find least common multiple by using prime factorization method.

1) **2, 9**

Factors of 2 = 1, 2

Factors of 9 = 1, 3, 9

LCM (2, 9)

18

2) **3, 6**

Factors of 3 = 1, 3

Factors of 6 = 1, 2, 3, 6

LCM (3, 6)

6

3) **5, 9**

Factors of 5 = 1, 5

Factors of 9 = 1, 3, 9

LCM (5, 9)

45

4) **8, 10**

Factors of 8 = 1, 2, 4, 8

Factors of 10 = 1, 2, 5, 10

LCM (8, 10)

40

5) **4, 7**

Factors of 4 = 1, 2, 4

Factors of 7 = 1, 7

LCM (4, 7)

28

6) **4, 2**

Factors of 4 = 1, 2, 4

Factors of 2 = 1, 2

LCM (4, 2)

4