

Least Common Multiple

Name: _____

Date: _____

Find least common multiple by using prime factorization method.

1) **5, 7**

Factors of 5 = _____

Factors of 7 = _____

LCM (5, 7)

2) **6, 12**

Factors of 6 = _____

Factors of 12 = _____

LCM (6, 12)

3) **3, 6**

Factors of 3 = _____

Factors of 6 = _____

LCM (3, 6)

4) **9, 5**

Factors of 9 = _____

Factors of 5 = _____

LCM (9, 5)

5) **11, 5**

Factors of 11 = _____

Factors of 5 = _____

LCM (11, 5)

6) **2, 8**

Factors of 2 = _____

Factors of 8 = _____

LCM (2, 8)

Least Common Multiple

Name: _____

Date: _____

Find least common multiple by using prime factorization method.

1) **5, 7**

Factors of 5 = 1, 5

Factors of 7 = 1, 7

LCM (5, 7)

35

2) **6, 12**

Factors of 6 = 1, 2, 3, 6

Factors of 12 = 1, 2, 3, 4, 6, 12

LCM (6, 12)

12

3) **3, 6**

Factors of 3 = 1, 3

Factors of 6 = 1, 2, 3, 6

LCM (3, 6)

6

4) **9, 5**

Factors of 9 = 1, 3, 9

Factors of 5 = 1, 5

LCM (9, 5)

45

5) **11, 5**

Factors of 11 = 1, 11

Factors of 5 = 1, 5

LCM (11, 5)

55

6) **2, 8**

Factors of 2 = 1, 2

Factors of 8 = 1, 2, 4, 8

LCM (2, 8)

8