Least Common Multiple Practice

Name: _____   Date: _____

Question 1

Find the least common multiple for each set of numbers

I. 10 , 25

II. 10 , 15

III. 30 , 50

IV. 21 , 27

V. 18 , 24

VI. 9 , 11

VII. 8 , 36

VIII. 2 , 3

IX. 12 , 18

X. 2 , 4

X. 24 , 36 , 12

XI. 5 , 12 , 15

Least Common Multiple Practice

Name: __**Key**__   Date: _____

Question 1

Find the least common multiple for each set of numbers

I. 10, 25

10 : 10, 20, 30, 40, 50
25 : 25, 50
LCM : 50

II. 10, 15

10 : 10, 20, 30
15 : 15, 30
LCM : 30

III. 30, 50

30 : 30, 60, 90, 120, 150
50 : 50, 100, 150
LCM : 150

IV. 21, 27

21 : 21, 42, 63, 84, 105, 126, 147, 168, 189
27 : 27, 54, 81, 108, 135, 162, 189
LCM : 189

V. 18, 24

18 : 18, 36, 54, 72
24 : 24, 48, 72
LCM : 72

VI. 9, 11

9 : 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99
11 : 11, 22, 33, 44, 55, 66, 77, 88, 99
LCM : 99

VII. 8, 36

8 : 8, 16, 24, 32, 40, 48, 56, 64, 72
36 : 36, 72
LCM : 72

VIII. 2, 3

2 : 2, 4, 6
3 : 3, 6
LCM : 6

IX. 12, 18

12 : 12, 24, 36
18 : 18, 36
LCM : 36

X. 2, 4

2 : 2, 4
4 : 4
LCM : 4

X. 24, 36, 12

12 : 12, 24, 36, 48, 60, 72
24 : 24, 48, 72
36 : 36, 72
LCM : 72

XI. 5, 12, 15

5 : 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60
12 : 12, 24, 36, 48, 60
15 : 15, 30, 45, 60
LCM : 60