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

XI. 24, 36, 12

XII. 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

XI. **24, 36, 12**

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

XII. **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