

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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**Using Prime Factorization to find the LCM and GCF**

LCM

GCF

1) 15, 48

\_\_\_\_\_

\_\_\_\_\_

2) 55, 70

\_\_\_\_\_

\_\_\_\_\_

3) 72, 15

\_\_\_\_\_

\_\_\_\_\_

4) 112, 62

\_\_\_\_\_

\_\_\_\_\_

5) 114, 100

\_\_\_\_\_

\_\_\_\_\_

6) 40, 48

\_\_\_\_\_

\_\_\_\_\_

7) 48, 106

\_\_\_\_\_

\_\_\_\_\_

8) 102, 108

\_\_\_\_\_

\_\_\_\_\_

9) 44, 54

\_\_\_\_\_

\_\_\_\_\_

10) 14, 62

\_\_\_\_\_

\_\_\_\_\_

Use the Ladder Method not Prime Factorization!!!!

Name : \_\_\_\_\_

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### Using Prime Factorization to find the LCM and GCF

		LCM	GCF
1)	15, 48	<u>240</u>	<u>3</u>
2)	55, 70	<u>770</u>	<u>5</u>
3)	72, 15	<u>360</u>	<u>3</u>
4)	112, 62	<u>3,472</u>	<u>2</u>
5)	114, 100	<u>5,700</u>	<u>2</u>
6)	40, 48	<u>240</u>	<u>8</u>
7)	48, 106	<u>2,544</u>	<u>2</u>
8)	102, 108	<u>1,836</u>	<u>6</u>
9)	44, 54	<u>1,188</u>	<u>2</u>
10)	14, 62	<u>434</u>	<u>2</u>

Use the Ladder Method not Prime Factorization!!!!