Name:_____   Date:_____
Ms. Napolitano   CCSS: 6.NS.4

Topic: Least Common Multiples

HOMEWORK_W_7_DAY 7

Find the least common multiple of each of the given numbers.

Question	Numbers	List the multiplies for each number.	LCM
A	6, 8		
B	10, 12		
C	2, 3, 10		
D	15, 20		
E	9, 21		

F) At a local bakery, Nick decorated 8 cakes at a time. Kevin decorated 9 at a time. If they ended up decorating the same number of cakes by the end of the day, what is the smallest number of cakes that each must have decorated?

Solution: _____

Find the LCM of 3 and 4.

The multiples of 3 are: _____, _____, _____, _____, _____, _____, _____, _____, _____ ...

The multiples of 4 are: _____, _____, _____, _____, _____, _____, _____ ...

The common multiples of 3 and 4 are: _____ and _____

The LCM of 3 and 4 is: _____

Find the LCM.

a. 2 and 7

LCM = _____

b. 4 and 10

LCM = _____

c. 4 and 5

LCM = _____

d. 6 and 10

LCM = _____

e. 4 and 12

LCM = _____

f. 6 and 18

LCM = _____