Name:

Date:

1. Find the GCD(315,825) and LCM(315,825) using prime factorization.

LCM
$$(825,315) = 3^{max(1/2)} max(2/1) max(0/1) max(0/1) max(1/0) = 3.5.7.11 = 17325$$

$$LCM(825,315)$$
. $GCD(825,315) = (17325)(15) = 259875$
 $(825)(315) = 259875$