Name:

Date: 9-28-17

Find the GCD(315,825) using Euclidean algorithm.

$$(5)$$
 75 = $1(45) + 30$

$$9 120 = 1(75) + 45$$

$$6 75 = 1(45) + 30$$

$$6 45 = 1(30) + 6$$

$$7 30 = 2(15) + 0$$

Find s and t such that $s315 + t825 = \gcd(835,315)$.

=5(315)-8(195)