**Find the smallest positive integer solution**

$73x - 26y = 1$

$51x - 31y = 1$

$37x - 93y = 1$

$11x - 37y = 1$

$25x - 61y = 1$

$45x - 71y = 1$

$85x - 38y = 1$

$17x - 94y = 1$

$91x - 68y = 1$

$72x - 23y = 1$

$57x - 43y = 1$

$73x - 17y = 1$

$29x - 90y = 1$

$59x - 57y = 1$

$41x - 81y = 1$

$79x - 20y = 1$

$40x - 63y = 1$

$59x - 74y = 1$

$57x - 92y = 1$

$89x - 4y = 1$

$59x - 5y = 1$

$67x - 92y = 1$

$27x - 35y = 1$

$19x - 21y = 1$

$71x - 69y = 1$

$80x - 9y = 1$

$53x - 37y = 1$

$79x - 54y = 1$

$10x - 59y = 1$

$81x - 46y = 1$

$32x - 25y = 1$

$21x - 95y = 1$

$67x - 10y = 1$

$97x - 25y = 1$

$61x - 77y = 1$

$70x - 27y = 1$

$65x - 12y = 1$

$38x - 91y = 1$

$43x - 80y = 1$

$55x - 54y = 1$

$89x - 17y = 1$

$68x - 23y = 1$

$13x - 69y = 1$

$86x - 3y = 1$

$72x - 11y = 1$

$47x - 80y = 1$

$67x - 74y = 1$

$83x - 66y = 1$

$83x - 3y = 1$

$23x - 28y = 1$