スナミッコン ナメナらりょい とメナンと x=2, y=3) コマ 5 12 silvins? (x1+2

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S. S. Nite: at 5 mars that a died out divide li a is a divisor of biff beach S.M. and, CEN. NATORINE ALL

THE STATE CHANGE TO THE STATE OF STATE CHANGES IN THE STATE OF STA de N Schirtin and by denoted gcd (a, b), is an extintury E die en die, en

The cad for any divisor c of a and b.

Thorum If d = god (a, b), then 3 x, y e 2

ofine S = Tantby .

of: Daine S = [antbv | n,vez, antbv>0]

Thus, by the W.O.P., S has a rivined element, d. S nonath since a. (1/2) > .

And of ax thy for sum integers x, y.

a = qd + r , wik osred.

To see that d= god (e,b), young the Division lawne:

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= (1-4x) + (-44) + ext-1) = CFT I

Thus, if c is printer, clax+by, i.e., c(d), and c < d. If c is any commer divisor of a and by then Ans, rock at the initial a. Similary of s. c anthr for my nivez.

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