12 1396 × 1396 = 4)

1396

- => (1396)2
- => (1400-4)
- =) (1400) 2 (4) (1400) + (4)2
- 2) 1960000- 11200+ 16
- -1194 841C.

2x. (791×796 - 2047204) =4)

a=791, 1=204.

(a2-b2) = (u+b)[a-b)

= (79 (+ 204) (7-96-204)

= (1000) (592) => 592000/

4:x0 775462 is divisible by 9.

-> (7+×+5+4+6+2) => (24+21) = 27 Which is divisible

5) [7-35462.]

Ex. Find least valye of & tre 4832#18 is
divisible by 11

divisible by 11.

11 Es silitivib 81 FS [8] 483 27 18 divisible by 11/

Ex simplify

$$(a^3+l^3)$$
 = $(a+b)(a^2-ab+b^2)$ = $a+l$

EN 72519 × (9995)

En sum of tisst 65 natural numbers

En sum of tisst 65 natural numbers

Ex. sum ob all two digit numbers 1 7°5.

#n = 95 =) a7 (n-1) d

$$\frac{m}{2}$$
 (9+2) = $\frac{18}{2}$ (10+95) = 9*(105) = 945/

 $\frac{21}{5} + 100 \text{ many tes ns} (1.1.3, 6, 12, 243862)$ $\frac{27}{5} = 2 + 2^{2} + = 2^{9} = 10$ $\frac{2}{5} = 2 + 2 + ... = 2^{9} = 10$ $\frac{2}{5} = 2 + 2 + ... =$

- 1022/1