RPF SI & CONSTABLE 2024

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MATHS

Square & Square Root

(वर्ग और वर्गमुल)



LIVE 17-05-2024 9AM

$$1^2 - 2 5^2$$

125

Base-50 ⇒ 26-75

Step-1 संख्या की तुलना 50 से करें।
Compare the number with 50.

Step-2 संख्या 50 से जितनी ज्यादा है उतना है 25 में जोड़ना है और यदि संख्या 50 से कम है तो जितनी कम है उतना 25 में से घटाना है।

$1^2 = 1$
$2^2 = 4$
$3^2 = 9$
$4^2 = 16$
$5^2 = 25$
$6^2 = 36$
$7^2 = 49$
$8^2 = 64$
$9^2 = 81$
$10^2 = 100$
$11^2 = 121$
$12^2 = 144$
$13^2 = 169$
$14^2 = 196$
$15^2 = 225$
$16^2 = 256$
$17^2 = 289$
$18^2 = 324$
$19^2 = 361$
$20^2 = 400$
$21^2 = 441$
$22^2 = 484$
$23^2 = 529$
$24^2 = 576$
$25^2 = 625$

25 to 99

$59^2 \Rightarrow 3481$

$69^2 \Rightarrow 4761$

$25^2 = 625$

$19^2 = 361$

$38^2 \Rightarrow 1444$

$49^2 \Rightarrow 2401$

$48^2 \Rightarrow 2304$

$42^2 = 1764$

$32^2 \Rightarrow 1024$

$60^2 \Rightarrow 3600$

$35\,00$

3600

$50^2 \Rightarrow 2500$

2500

$52^2 \Rightarrow 2704$

$54^2 \Rightarrow 2916$

$67^2 \Rightarrow 4489$

$72^2 \Rightarrow 5184$

$25+22$

$47\,84$

$26^2 \Rightarrow 676$

$17\,61$

26×75

Base-100 | 76-125

$8 \times 75^2 = 5625$

$(104)^2 \Rightarrow 10816$ (+4)

$(93)^2 = 8649$ (−7)

$98^2 = 9604$

$99^2 = 9801$

$97^2 = 9409$

$94^2 = 8836$

$101^2 = 10201$

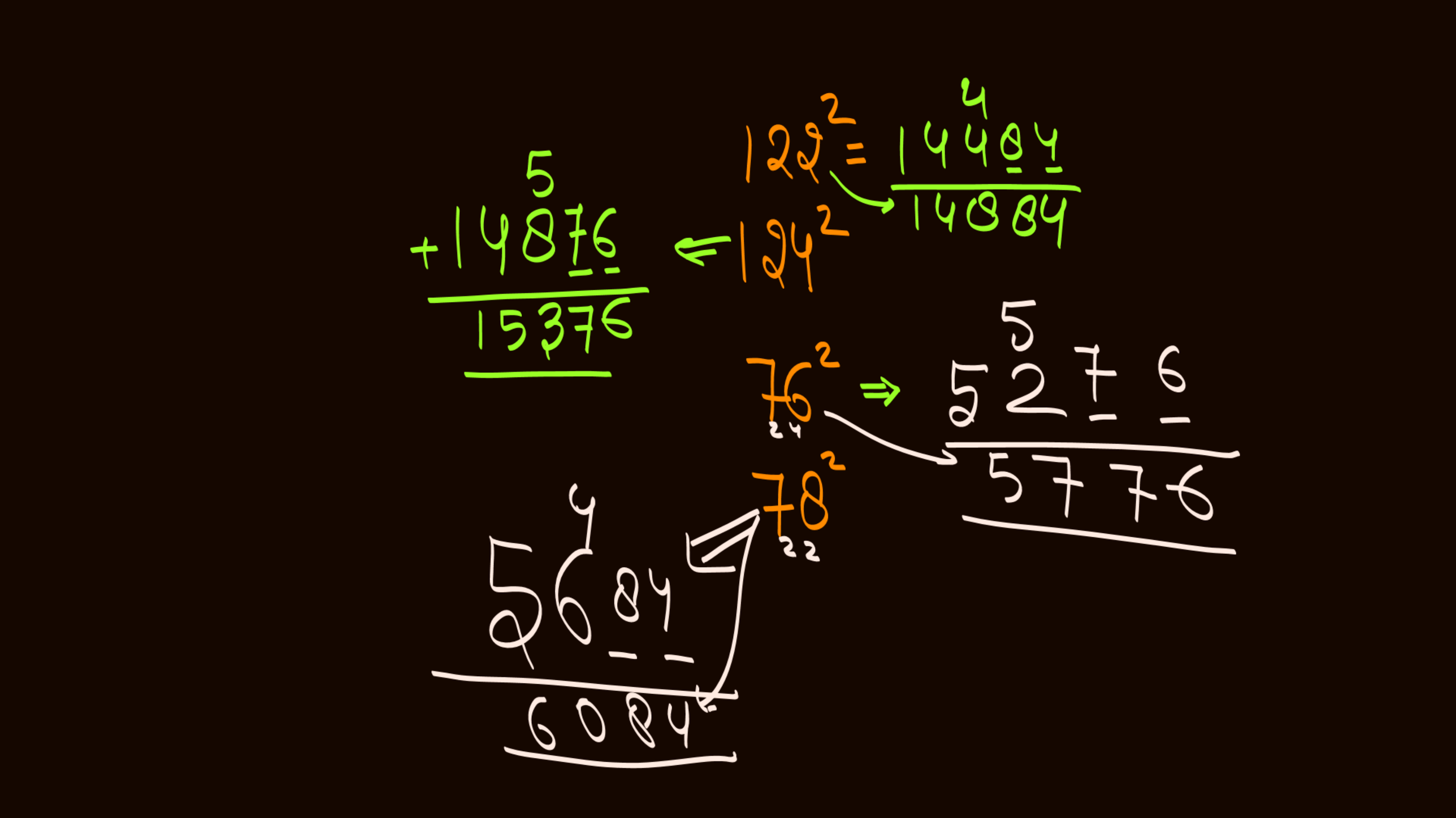
$102^2 = 10404$

$103^2 = 10609$

$108^2 = 11664$

$(114)^2 \Rightarrow 12996$

$(86)^2 \Rightarrow 7396$


122² = 14484
124²
15376
76²
5776
78²
6084
56⁴

$1 \times 0\,5^2 = 25$

$2 \times 5^2 = 225$

$3 \times 25^2 = 625$

$4 \times 35^2 = 1225$

$5 \times 45^2 = 2025$

$6 \times 55^2 = 3025$

$7 \times 65^2 = 4225$

$8 \times 75^2 = 5625$

$9 \times 85^2 = 7225$

$10 \times 95^2 = 9025$

$11 \times 105^2 = 11025$

$12 \times 115^2 = 13225$

$8 \times 7 \quad 75^2 = 5625$

$20 \times 19 \quad 95^2 = 38025$

38025

$21 \times 19 \quad 205^2 \Rightarrow 42025$