THE

SPEEDY MATHS

BANK • SSC • RAILWAY • STATE LEVEL

- ☑ SIMPLIFICATION
- ☑ APPROXIMATION
- ☑ FRACTION
- ☑ ARITHMETIC

DAY 04

BY SUNIL MAHENDRAS

LIVE | 08:30 AM

UPCOMING ONLINE BATCHES

November 2022

02 NOV 2022

08:00 AM to 10:00 AM
BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM
SSC ONLINE LIVE CLASS

BILINGUAL

02 NOV 2022

06:30 PM to 08:30 PM
BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

09 NOV 2022

07:30 PM to 09:30 PM
BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM
SSC ONLINE LIVE CLASS

BILINGUAL

16 NOV 2022

01:00 PM to 03:00 PM
BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM
SSC ONLINE LIVE CLASS

BILINGUAL

23 NOV 2022

05:30 PM to 07:30 PM
BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM
SSC ONLINE LIVE CLASS

BILINGUAL

23 NOV 2022

04:00 PM to 06:00 PM
BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

30 NOV 2022

10:30 AM to 12:30 PM
BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM
SSC ONLINE LIVE CLASS

BILINGUAL

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THE
SPEEDY MATHS

(I) 3243×11

$35674\,1$

(II) 27×28

729

27

756

(III) 33×35

$34^2 - 1$

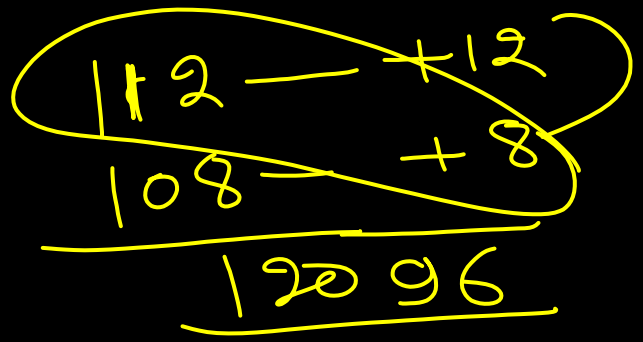
$= 1155$

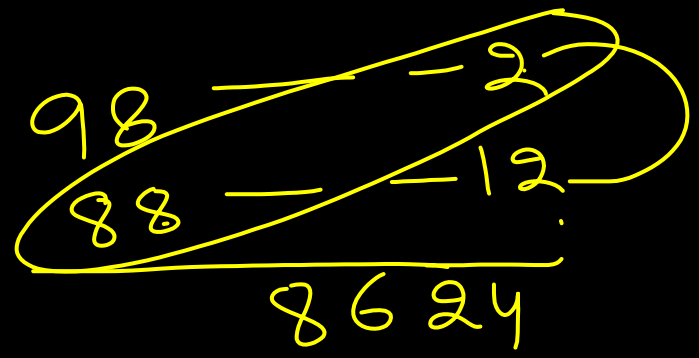
(IV) 27×29

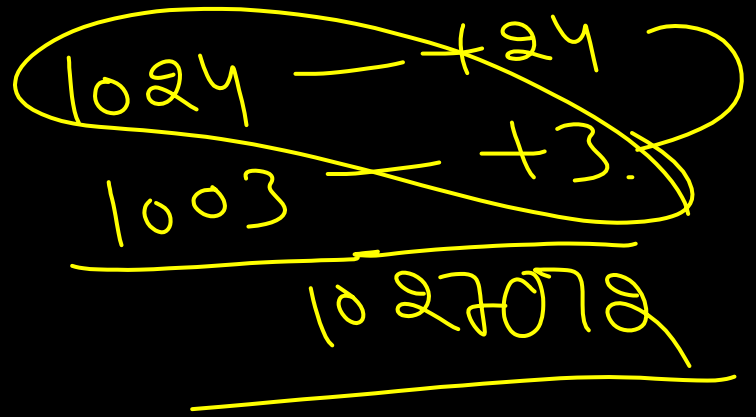
$28^2 - 1$

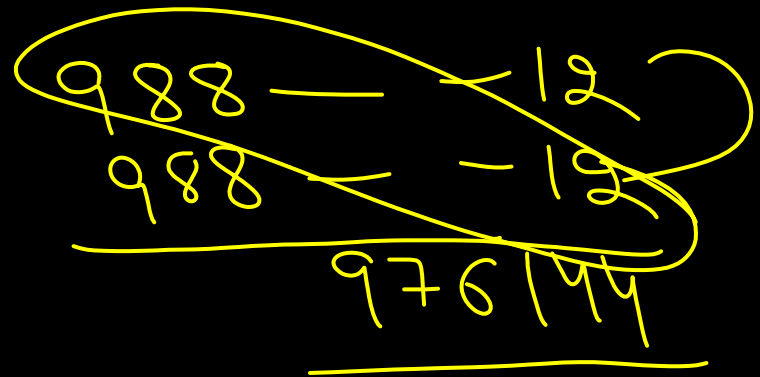
783

THE
SPEEDY MATHS









THE SPEEDY MATHS

$$152 \times 2^3 + (228 \div 19)^2 = ?$$

$152 \times 8 + (12)^2$

$1216 + 144$

1360

THE SPEEDY MATHS

350% of ? ÷50+248=591

350% of $n \div 50 + 248 = 591$

$$\frac{\cancel{350}^{7} \times n}{100 \times \cancel{50}} = \cancel{343}\ 49$$

$$\boxed{n = 4900}$$

THE
SPEEDY MATHS

$$\frac{4}{7} \times \frac{2}{3} \times ? = 1008$$

$\frac{4}{7} \times \frac{2}{3} \times n = 1008$ (126)

$n = 126 \times 21 = 2646$

THE SPEEDY MATHS

$$(? - 968) \div 79 \times 4 = 512$$

$\frac{(x-968)}{79} \times 4 = \frac{512}{128}$

$79 = (80-1)$

$x - 968 = 128 \times 79$

$128 \times (80-1)$

05

A. 11080
B. 10190
C. 11075
D. 10185
E. None of these

THE SPEEDY MATHS

$(?)^3 \times (5^5) \div 225 = 3000$

$\frac{n^3 \times 5^5}{225} = 3000$

$\frac{n^3 \times 5 \times 5 \times 5 \times 5 \times 5}{225} = 3000$

$225 \quad 45 \quad 9$

$24 \quad 120 \quad 600 \quad 3000$

$n^3 = 24 \times 9$

$n^3 = 216$

A. 6
B. 8
C. 5
D. 9
E. None of these

THE SPEEDY MATHS

$$-948 + 147 - ? = -1432$$

$x = 1432 + 147 - 948$

A. 683
B. 631
C. 647
D. 676
E. None of thes

THE SPEEDY MATHS

$$94736 + 43693 + 25638 = ?$$

A. 160546
B. 164076
C. 165046
D. 160467
E. None of these

67

THE SPEEDY MATHS

$$\sqrt{13^2 + 168 \div 24 - 33 + 107} = (?)^2$$

A. 2
B. 256
C. 16
D. 4
E. None of these

$\sqrt{13^2 + \frac{168}{24} - 33 + 107} = ?^2$

$\sqrt{169 + 7 - 33 + 107} = ?^2$

$\sqrt{250} = ?^2$

THE
SPEEDY MATHS

35 x 15

21 —— 25 Table

21 x 9

189

Thanks For WATCHING