MATHS SPECIAL

PRE + MAINS LIVE CLASS (ONE TO ONE INTERACTION)

BILINGUAL CONTENT

REGISTRATION OPEN

1 YEAR VALIDITY

INCLUDES

- LIVE Classes
- Result Oriented Approach
- PDF Notes
- Conceptual Clarity

USEFUL FOR

- SSC EXAMS
- BANK EXAMS
- CSAT
- STATE GOVT. EXAMS

SACHIN BALIYAN SIR

DOWNLOAD TAIYARI KARO APP TO JOIN THE BATCH

MATHS SYLLABUS

ARITHMATIC:

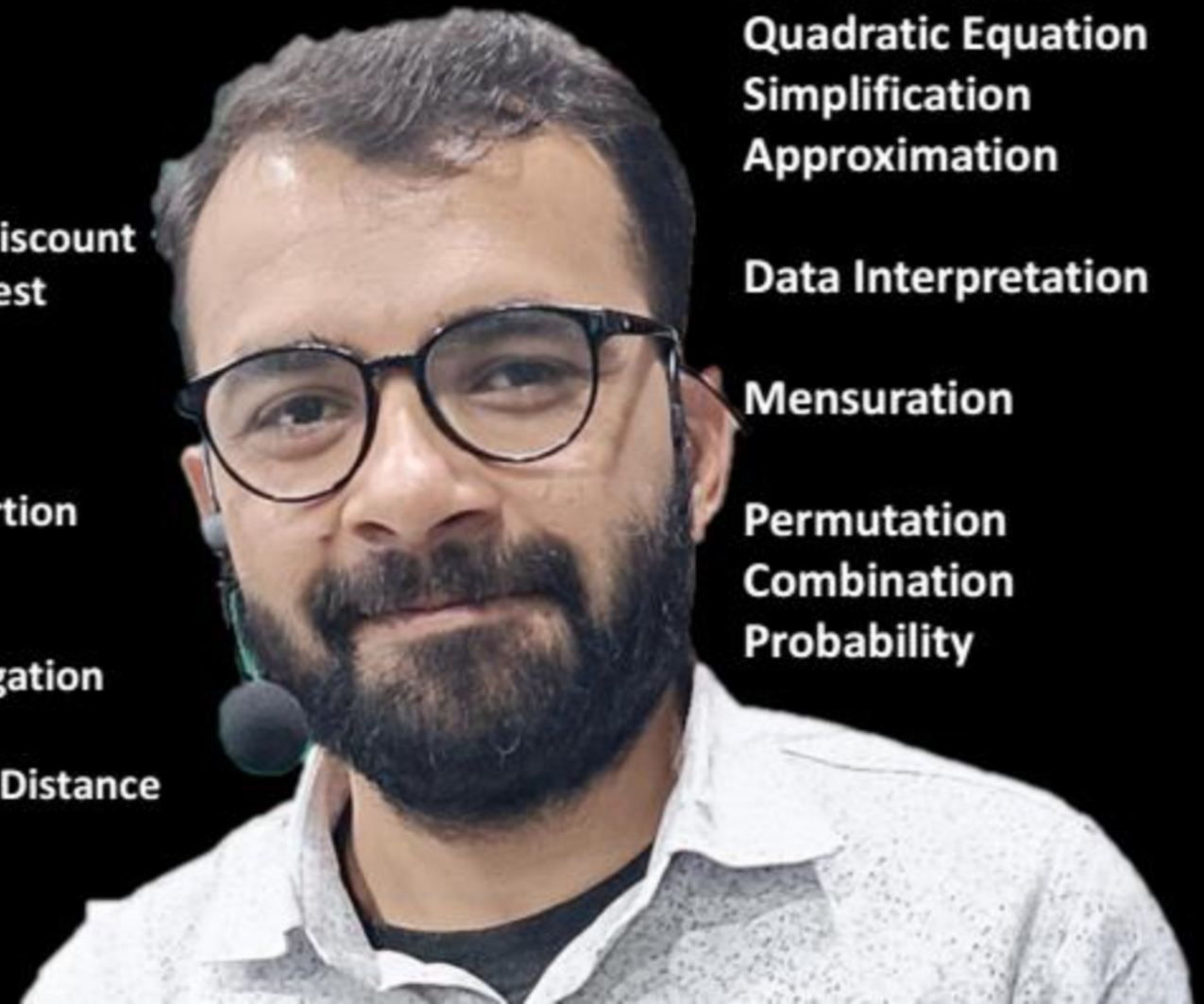
(SSC/BANK/CUET/CSAT/STATE GOVT)

Time and Work
Pipe and Cistern

Percentage
Profit Loss and Discount
Compound Interest
Simple Interest

Average
Ratio and Proportion
Based of Ages
Partnership
Mixture and Alligation

Time Speed And Distance
Train
Race
Boat and Stream



BANK:

Number Series
Quadratic Equation
Simplification
Approximation

Data Interpretation

Mensuration

Permutation
Combination
Probability

SSC:

Number System
LCM + HCF

Surds
Indices
Algebra

Trigonometry
Height and Distance

Geometry

Mensuration-2D
Mensuration-3D

Co-ordinate Geometry

Ratio and Proportion

Ratio & Proportion

Basic Question

NO. OF QUESTIONS	CLASS NUMBER	CLASS DURATION
15 Questions	DAY - 1	1 HOURS

Concept

$2A = 3B$

$\frac{A}{B} = \frac{3}{2}$

$2A = 3B = 4C$

$\frac{A}{B} \rightarrow \frac{3}{2} \times 2$

$\frac{B}{C} = \frac{4}{3}$ ($B \rightarrow 4$)

$A : B : C$

$6 : 4 : 3$

$2A = 3B = 4C$

$A : B : C = 12 : 8 : 6$

$6 : 4 : 3$

Trick

$2A = 4B = 8C$

$A : B : C = \cancel{32} : \cancel{16} : \cancel{8}$

$4 : 2 : 1$

$4 : 4 : 2$

If $2x = 3y = 5z$

then find x : y : z.

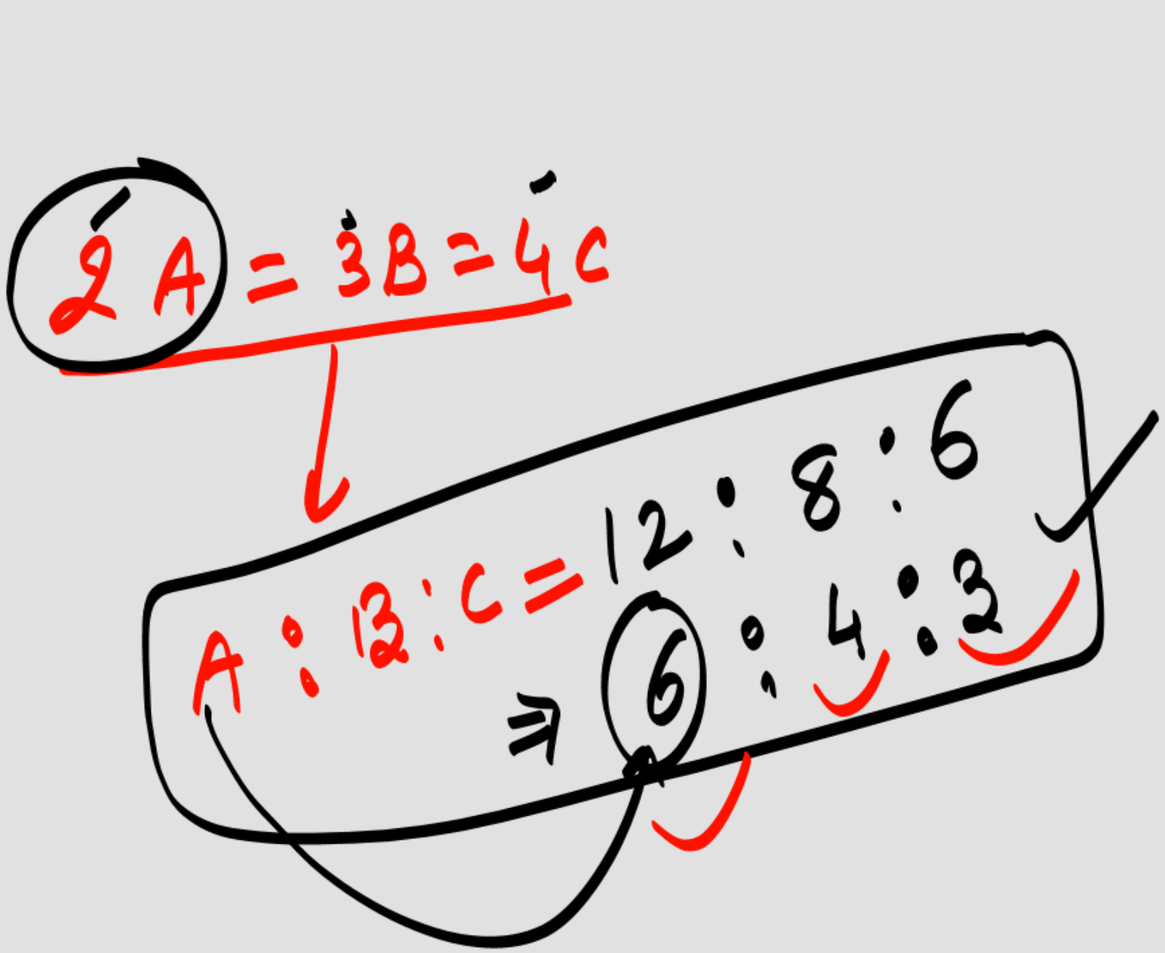
(a) 15 :10 : 6 ✓

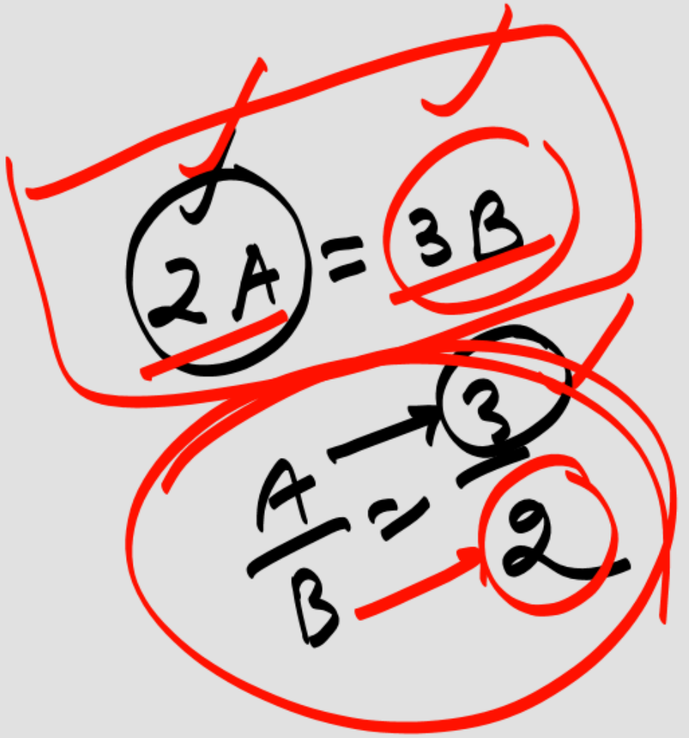
(b) 20 :10 : 25

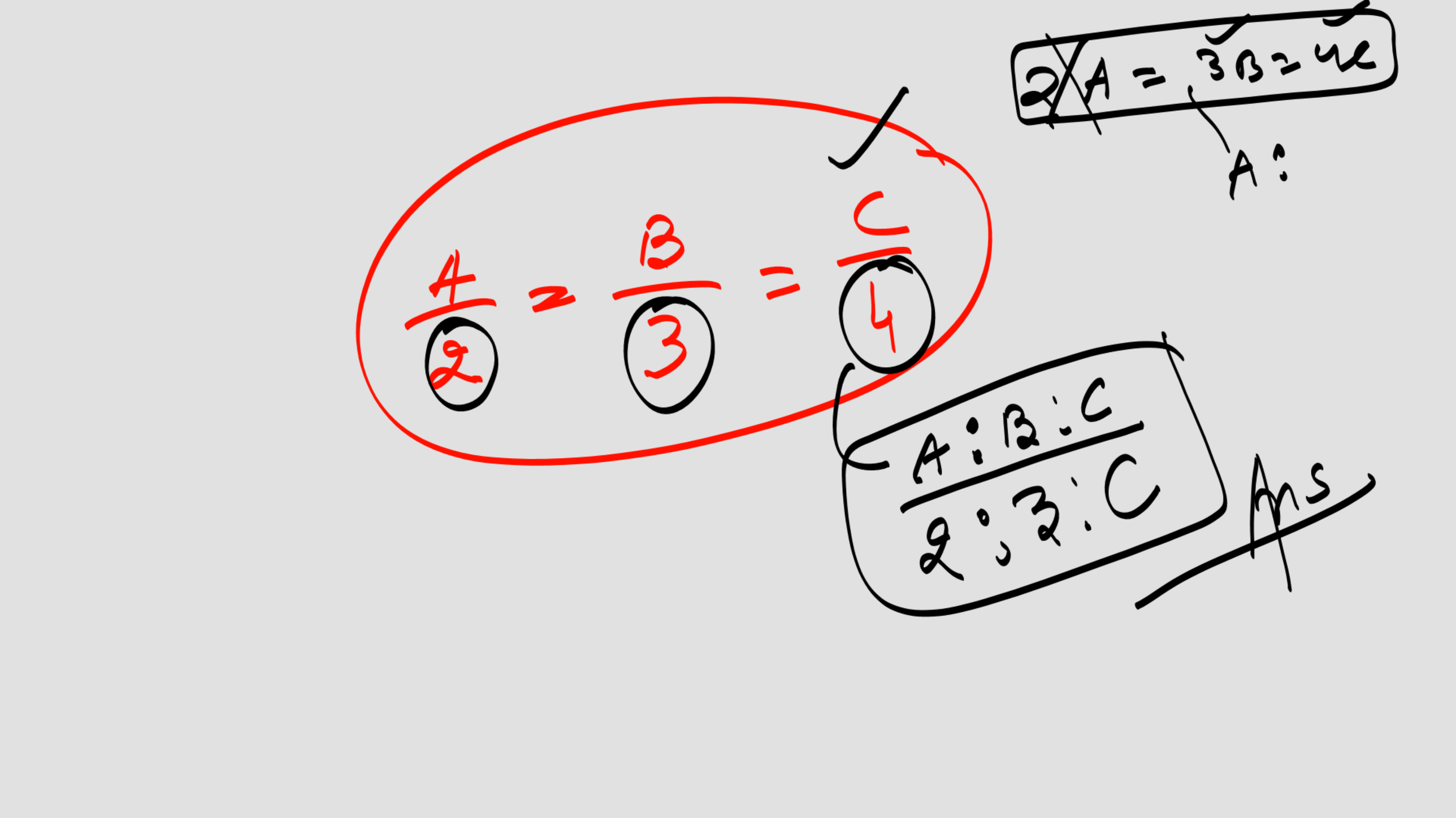
(c) 25 :10 : 6

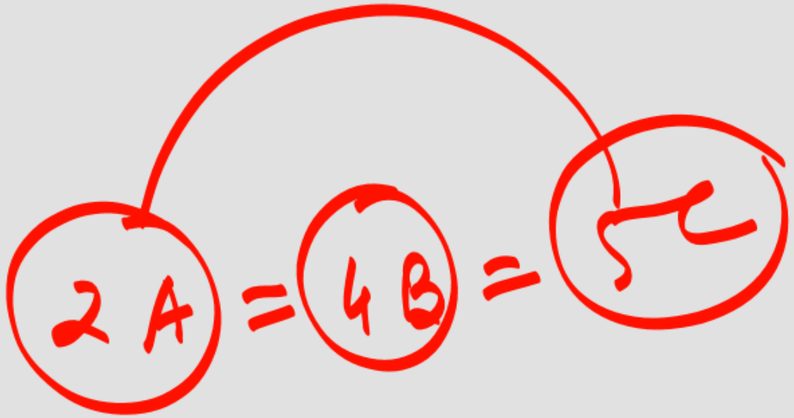
(d) 30 :15 :13

(e) 36 :10 : 6


2A = 3B = 4C
A : B : C = 12 : 8 : 6
⇒ 6 : 4 : 3


2A = 3B
A → 3
B → 2


2A = 3B = 4C
A :
A/2 = B/3 = C/4
A : B : C
2 : 3 : C
Ans



$A : B : C = 20 : 10 : 8$

$\frac{A}{2} = \frac{B}{3} = \frac{C}{4}$

$A : B : C = 2 : 3 : 4$

If $\frac{x}{4} = \frac{y}{5} = \frac{z}{6}$

Find $X : Y : Z$

(a) 5:1: 6
(b) 2:5:7
(c) 4:5: 6 ✓
(d) 3:5:1
(e) 6:10:7

$$\frac{2A}{3} = \frac{4B}{5} = \frac{6C}{7}$$

$A : B : C = 24 : 12 : 8$

$\times 3 \quad \times 5 \quad \times 7$

$18 : 15 : 14$

$$\frac{3x}{4} = \frac{y}{5} = \frac{5z}{6}$$

Find $\frac{3x+y+2z}{2x} = ?$

(a) 171:40 (b) 141:50
(c) 4:5 (d) 173:50
(e) none of these

$$\frac{3x}{4} = \frac{1y}{5} = \frac{5z}{6}$$

$x : y : z = \frac{5 \times 4}{20} : \frac{15 \times 5}{25} : \frac{3 \times 6}{18}$

$$\frac{171}{40} = \frac{60 + 75 + 36}{40}$$

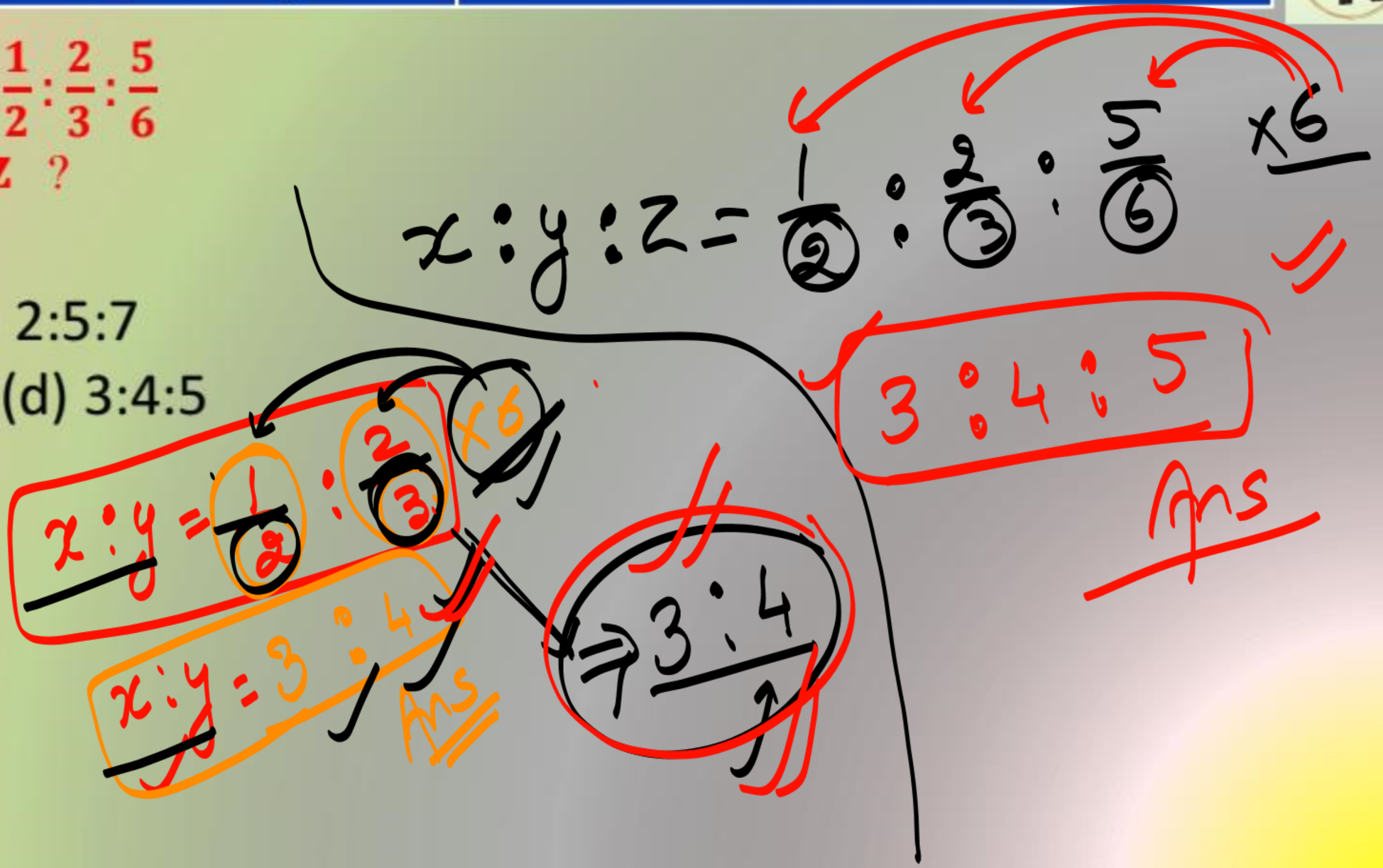
If $x:y:z = \frac{1}{2}:\frac{2}{3}:\frac{5}{6}$

Find x : y : z ?

(a) 5:1: 6 (b) 2:5:7

(c) 4:5: 6 (d) 3:4:5

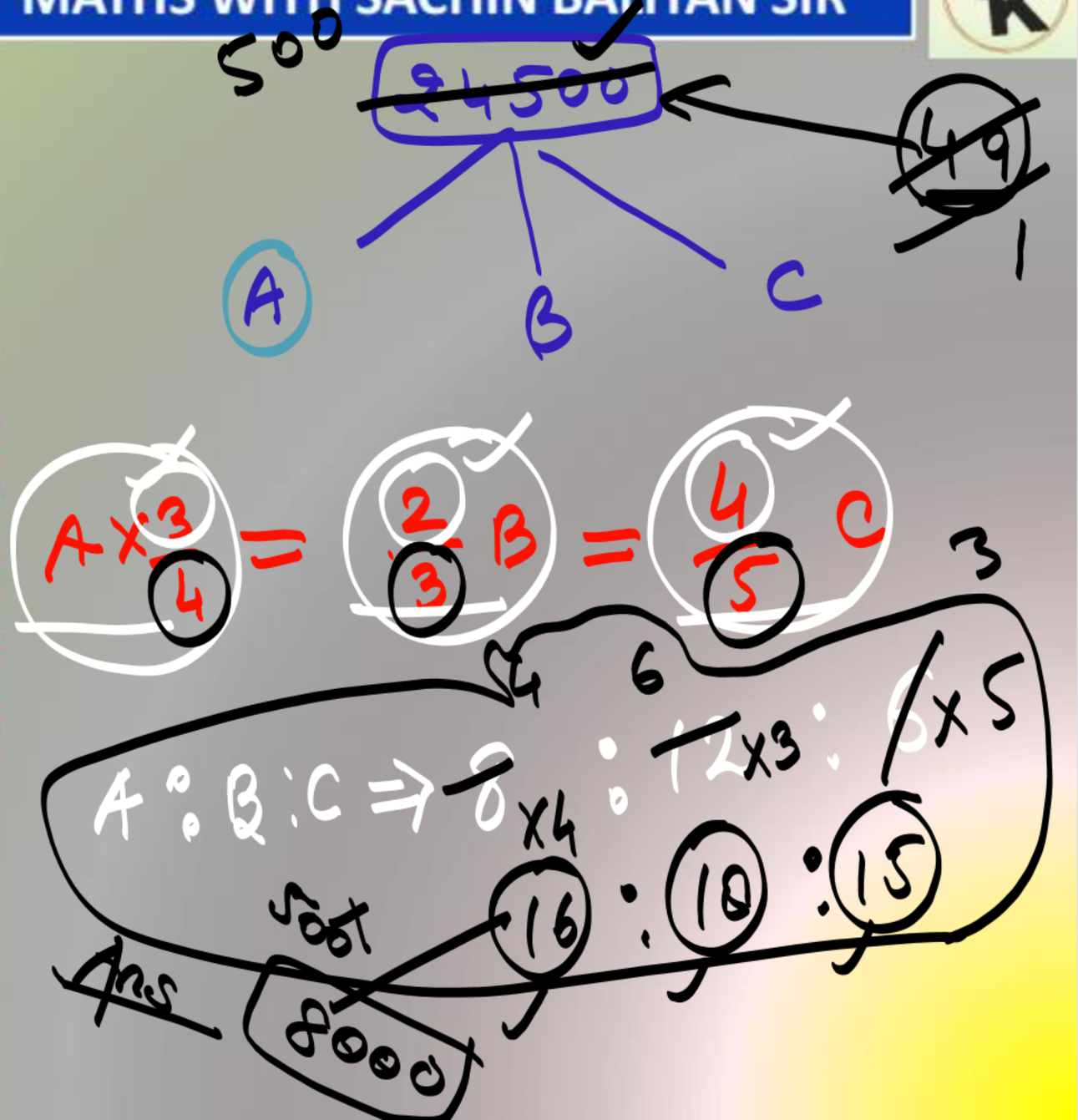
(e) 6:10:7



There are 24500 students in three schools A, B and C of DPS. If the number of students of three-fourth of school A, two-thirds of school B, four-fifth of school C are the same. Then find the total no. of students in school A? डीपीएस के तीन स्कूलों स्कूलों A, B, और C में 24500 छात्र हैं। यदि स्कूल A के तीन-चौथाई, स्कूल B के दो-तिहाई, स्कूल C के $\frac{4}{5}$ वें भाग के छात्रों की संख्या समान है। तो स्कूल A में छात्रों की कुल संख्या ज्ञात कीजिए?

a) 14400 b) can not determine

c)8000 d) None of these



Ratio-1 (Basic Question)

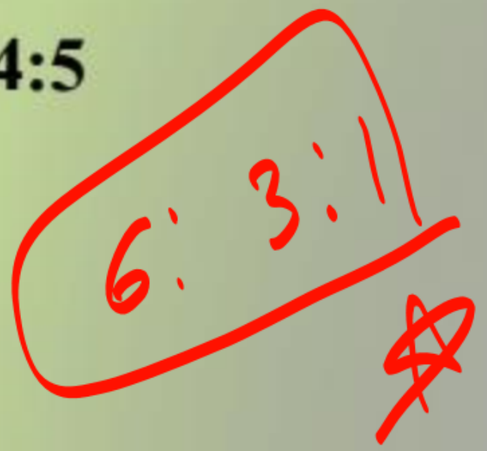
MATHS WITH SACHIN BALIYAN SIR

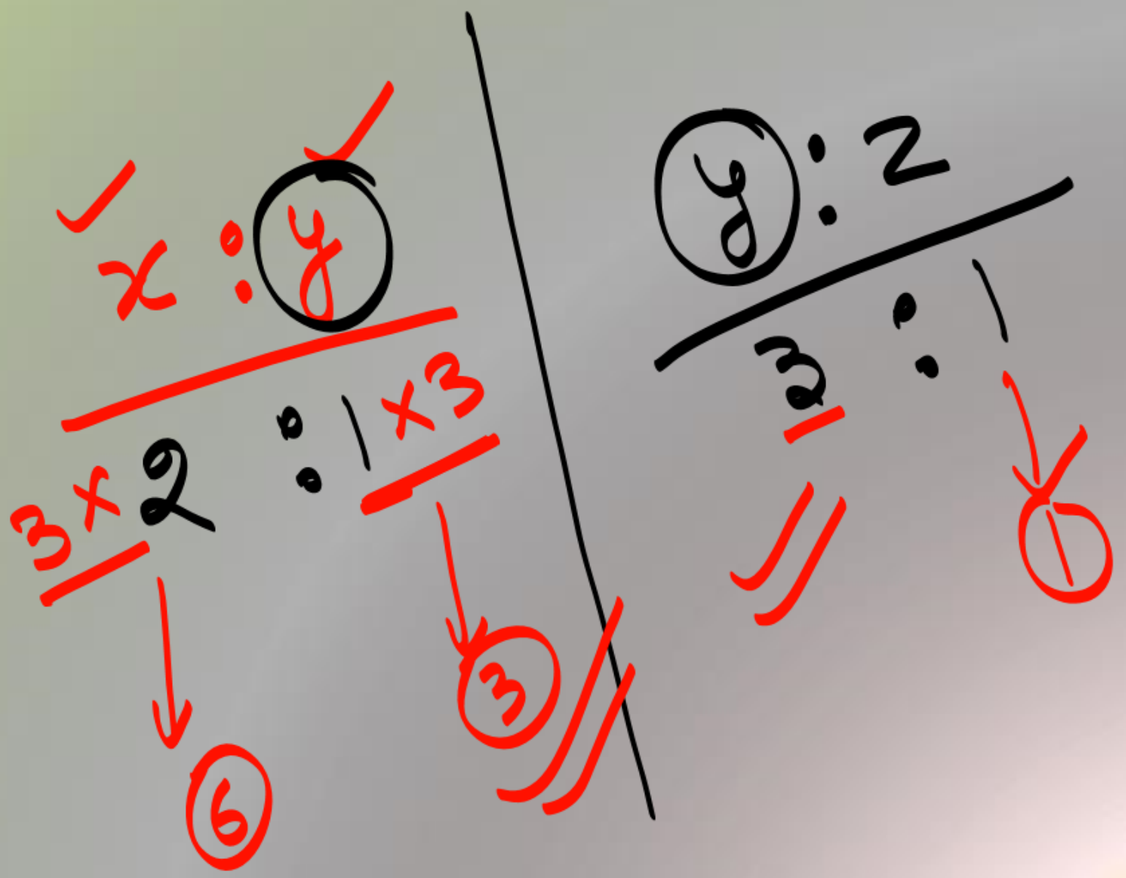
Q. X is twice of Y, Y is thrice of Z.Find X: Y: Z? X, Y का दोगुना है, Y, Z का तीन गुना है, X: Y: Z खोजें?

(a) 5:1: 6 (b) 6:3:1

(c) 4:5: 6 (d) 3:4:5

(e) 6:10:7





$x : y = \frac{1}{2} : \frac{1}{3}$, $y : z = \frac{2}{3} : \frac{4}{5}$

Find $x : y : z$?

(a) 15:10: 12 (b) 16:12:11

(c) 14:15: 16

(d) 13:14:15 (e) 16:10:17

H.W

$A : B = \frac{2}{3} : \frac{4}{5}$

$B : C = \frac{1}{2} : \frac{5}{7}$

then find

$A : B : C = ?$

Thank
You