

MATHS SPECIAL



PRE + MAINS

LIVE CLASS (ONE TO ONE INTERACTION)

REGISTRATION OPEN

INCLUDES

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

1 YEAR VALIDITY

USEFUL FOR

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

BILINGUAL CONTENT



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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



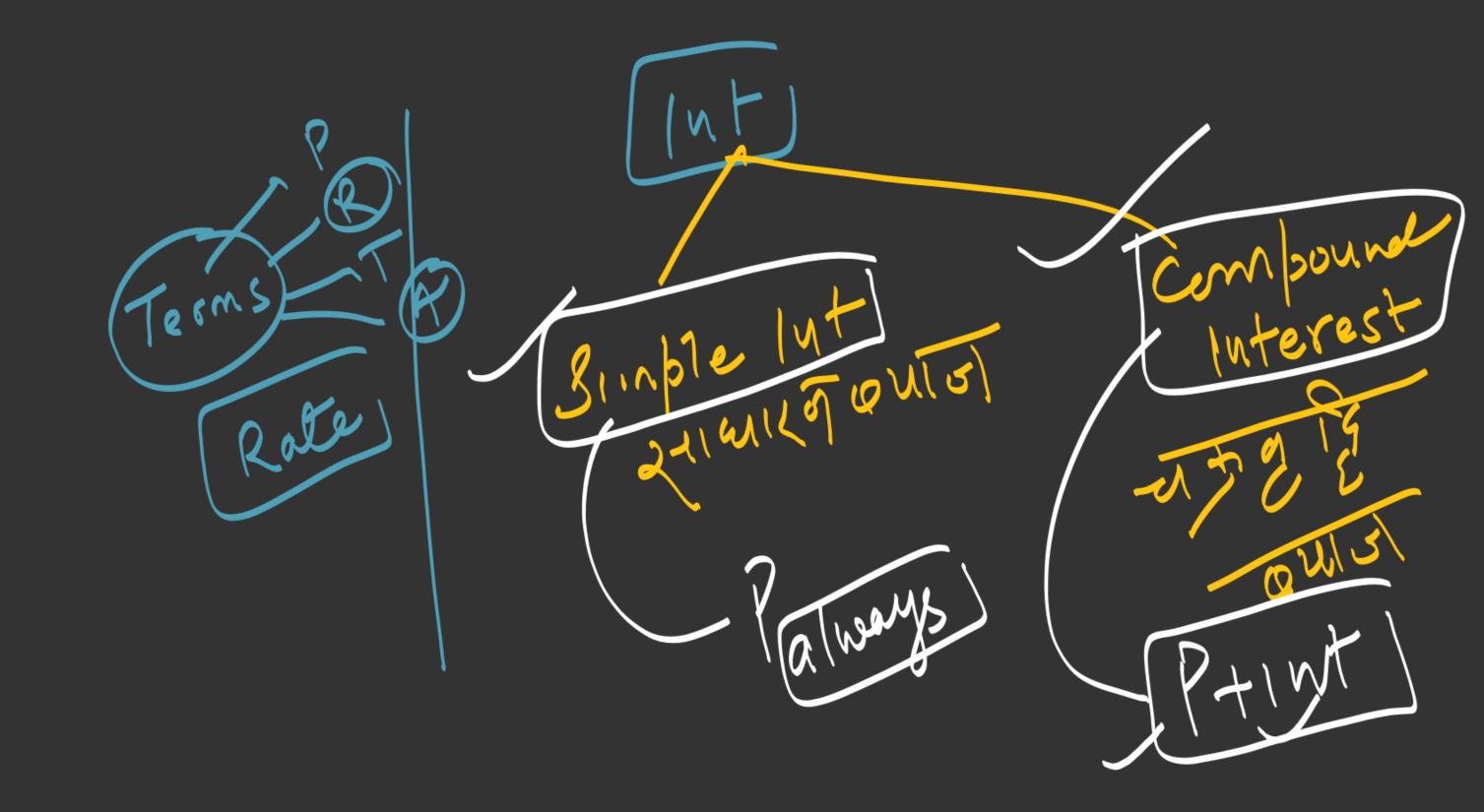
INTEREST(ब्याज)

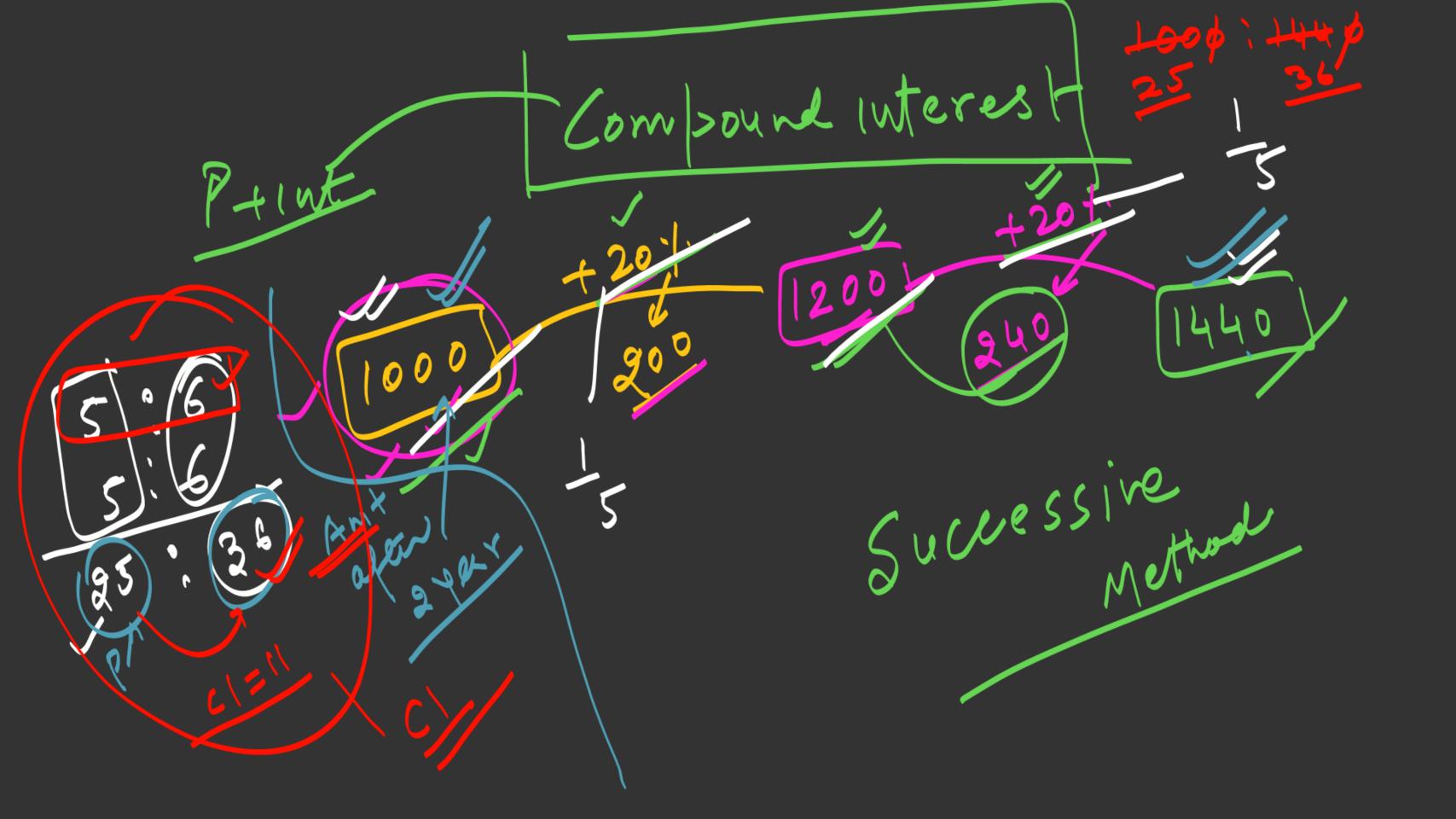
Terms Used & Concept

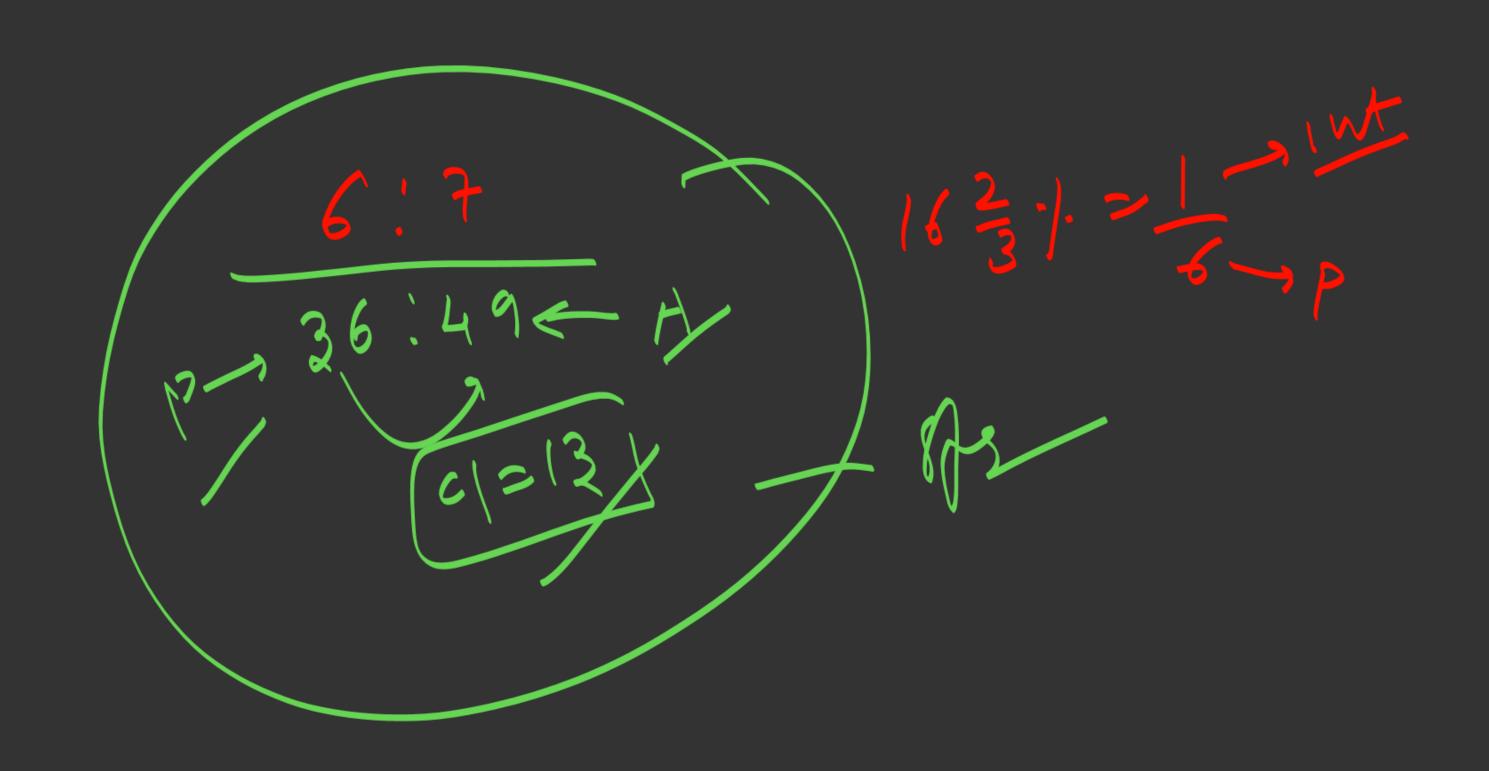
Kincipal Ant = P+Int

Terms Used & Concept

How to charge Rate t-T2 = 20









COMPOUND INTEREST

INTRODUCTION

Compound Interest (CI) is the interest calculated on both the principal and the interest, after a certain period of time.



Successive Method

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

MATHS WITH SACHIN BALIYAN SIR

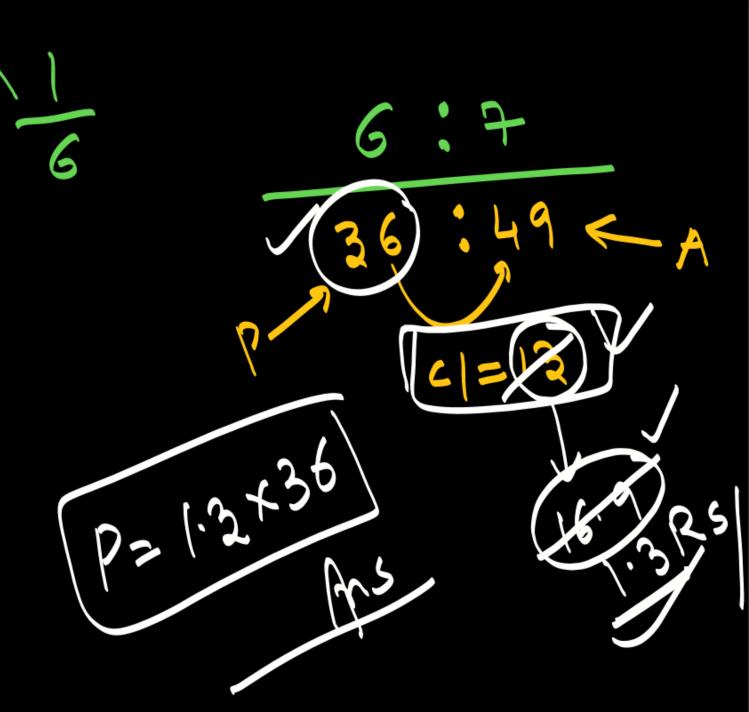


MATHS WITH SACHIN BALIYAN SIR



If compound interest on a certain sum of money for 2 years at $16\frac{2}{3}\%$ pa is Rs 16.90 . While interest being compounded annually then Principal is ? यदि 16 2% प्रति वर्ष पर 2 वर्ष के लिए एक निश्चित राशि पर चक्रवृद्धि ब्याज 16.90 रु है। जबिक ब्याज वार्षिक रूप से चक्रवृद्धि हो रहा है, तब मूलधन बताओ?

- (a) 46.8 (b) 224 (c) 468
- (d) 18.58 (e) None of these



MATHS WITH SACHIN BALIYAN SIR

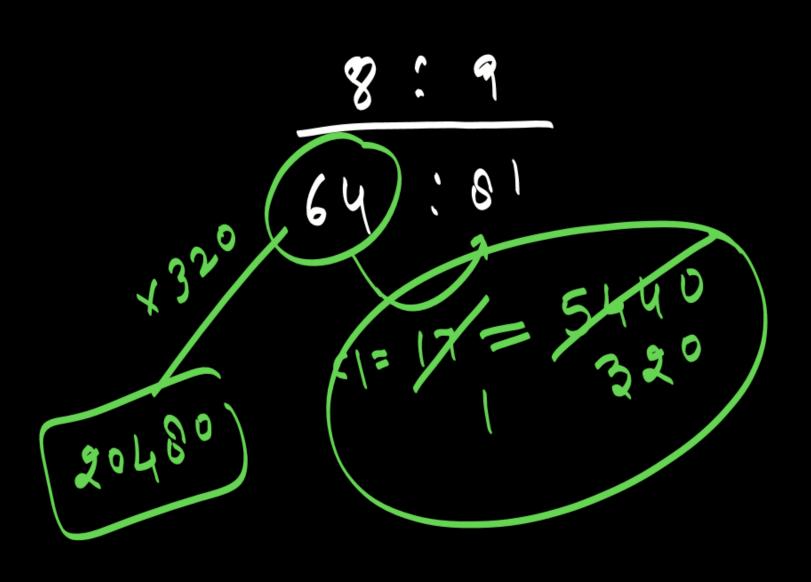


compound interest lf certain sum of money @ 12 1/2 % pa for 2 year is Rs 5440 then find the Principal amount? यदि 2 वर्ष के लिए एक निश्चित राशि पर @ 12¹/₂ % प्रति वर्ष की दर चक्रवृद्धि ब्याज 5440 रुपये तो मूलधन राशि कीजिए?

A) Rs. 38450

B) Rs. 20480

C) Rs. 51420 D) Rs. 44150



MATHS WITH SACHIN BALIYAN SIR

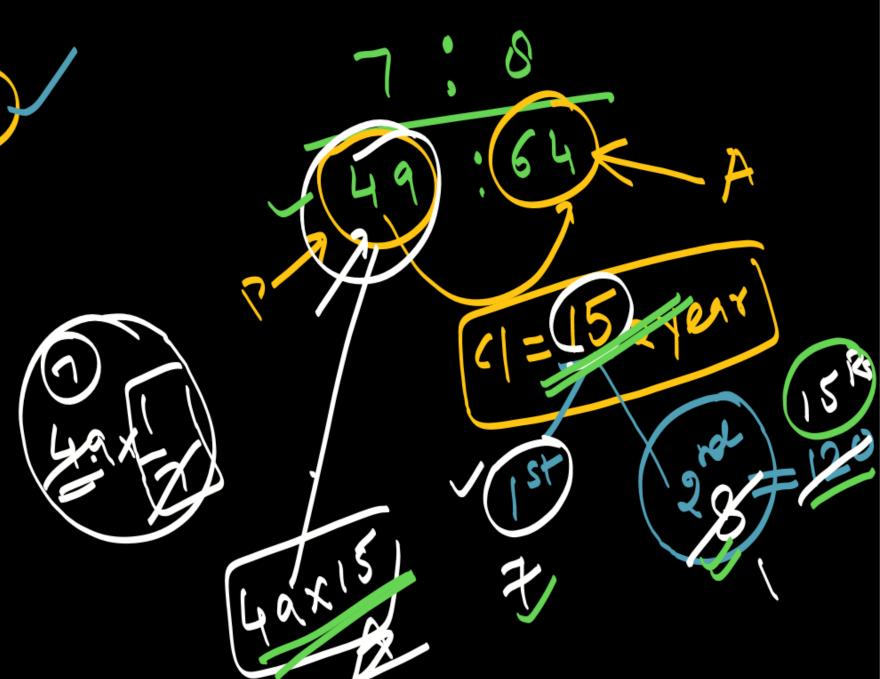


If compound interest of 2nd year on a certain sum of money given @ $14\frac{2}{7}$ % pa is Rs. 120 then what will be the Principal amount? यदि एक निश्चित राशि पर दूसरे वर्ष का चक्रवृद्धि ब्याज 14 = % प्रतिवर्ष की दर से 120 रु है। तो मूलधन राशि क्या होगी?

A) Rs. 735 C) Rs. 514

B) Rs. 840

D) Rs. 441



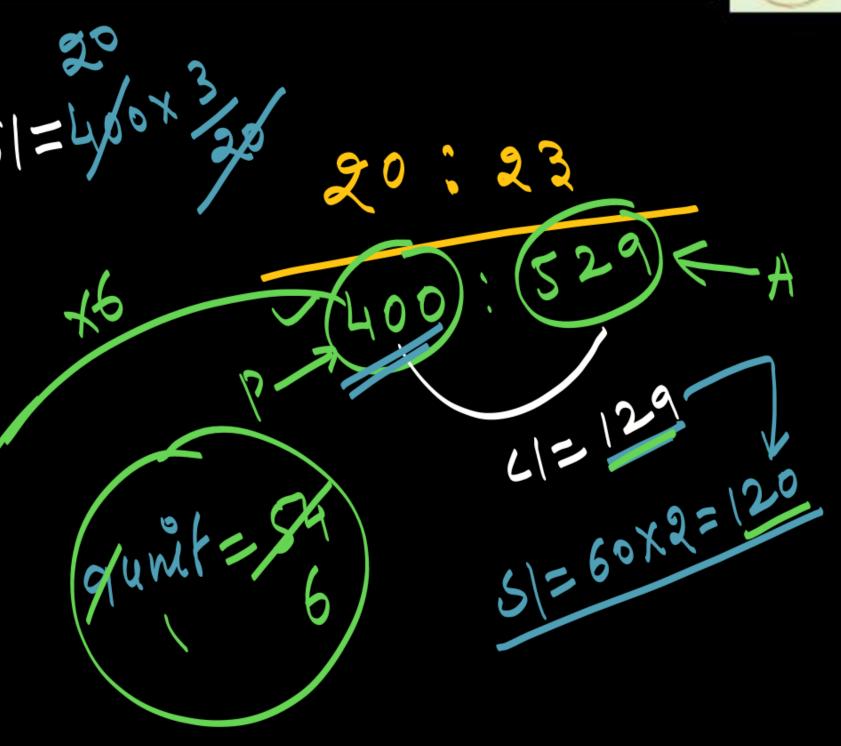
MATHS WITH SACHIN BALIYAN SIR



The difference between simple of a certain sum of money at $5 = 400 \times 15\%$ 15% per annum for 2 years is Rs 54. Then the sum is : यदि 2 साल के लिए प्रति वर्ष 15% पर एक निश्चित राशि के साधारण ब्याज और चक्रवृद्धि ब्याज के बीच का अंतर 54 रु है। वह मूल राशि क्या है ?

A) Rs. 3680 C) Rs. 1400 B) Rs. 2400

D) Rs. 1170

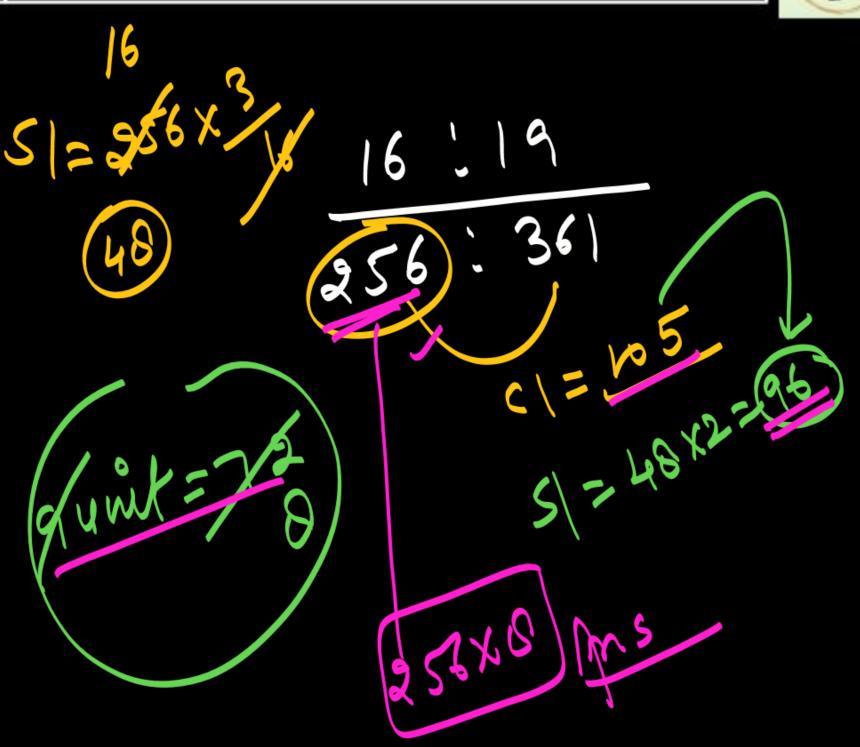


MATHS WITH SACHIN BALIYAN SIR



If the difference between the compound interest and simple interest on a certain sum $\frac{5}{2}$ for 2 yr at $18\frac{3}{4}\%$ per annum is Rs 72. then the sum is ? यदि 2 साल के लिए प्रति वर्ष 18 3% पर एक निश्चित राशि के साधारण ब्याज और चक्रवृद्धि ब्याज के बीच का अंतर 72 के है। वह मूल राशि क्या

A). Rs 2800 C). Rs 3420 B). Rs 2048 D). Rs 2250



MATHS WITH SACHUN BALIYAN SIR

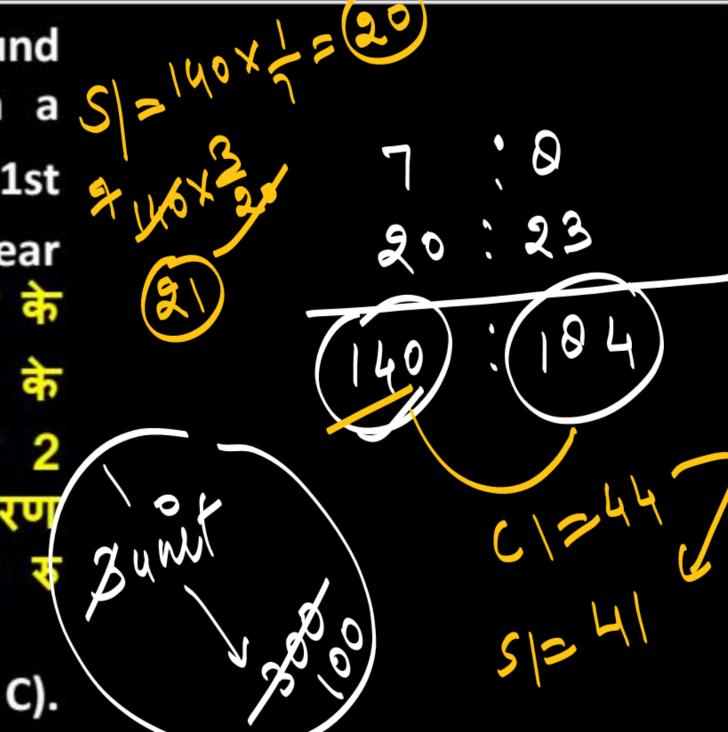


If the difference between the compound interest and the simple interest on a $S > 140 \times 100$ certain sum for 2 yr @ $14\frac{2}{7}$ %pa for 1st year And @ 15% per annum for 2nd year is Rs. 300. then sum is ? यदि पहले वर्ष के लिए 14 = % प्रति वर्ष और दूसरे वर्ष के

लिए @ 15% प्रति वर्ष पर दिए गए 2 वर्ष के लिए चक्रवृद्धि ब्याज और साधारण ब्याज के बीच का अंतर के लिए 300 र है। तो मूल राशि क्या है?

A). RS.50000 B). RS.15000

D). RS.15250 RS.14000



MATHS WITH SACHIN BALIYAN SIR



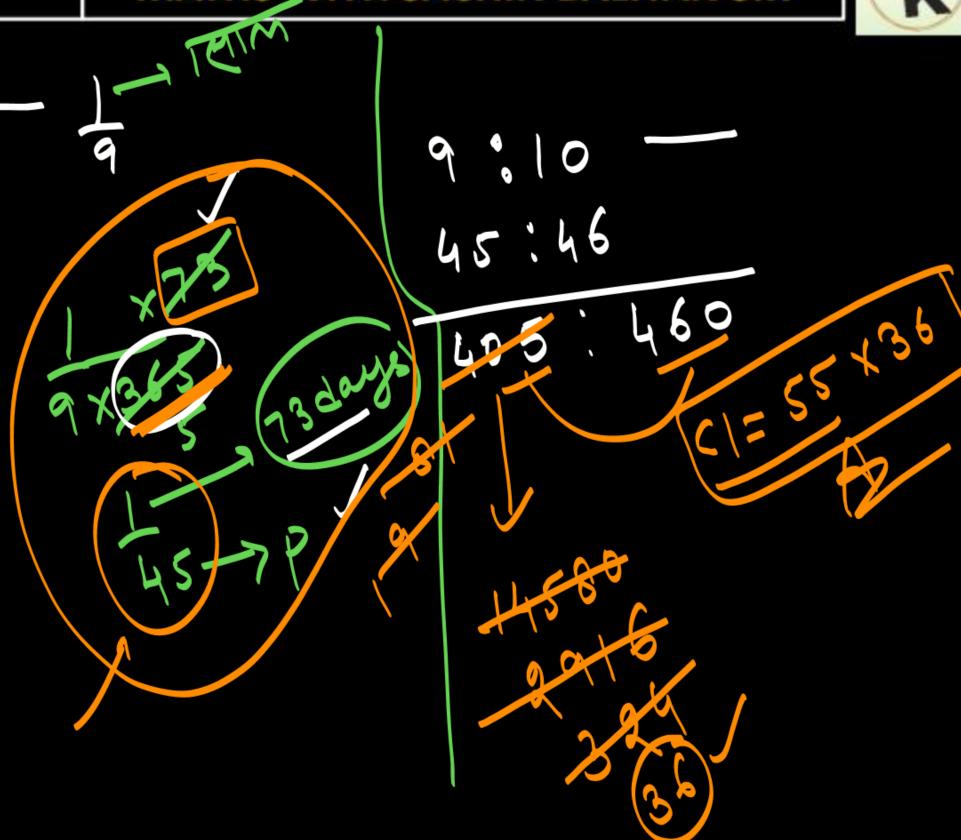
Find compound interest on Rs. 14580 at $11\frac{1}{9}\%$ per annum for 1 years 73 days compounded annually? 1 at 73 दिनों

के लिए 11 $\frac{1}{9}$ % प्रति वर्ष की दर से 14580 रुपये पर चक्रवृद्धि ब्याज ज्ञात

कीजिये?

A) 1980 C) 1709 B) 2820

D) 2109



MATHS WITH SACHIN BALIYAN SIR



If compound interest on a certain sum of money at 15% per annum for 1 years 4 months is Rs. 3320 compounded annually. Find the sum of money ? अगर 1 साल 4 महीने के लिए 15% प्रति वर्ष की एक निश्चित राशि चक्रवदधि ब्याज 3320 रुपये है। धन ज्ञात कीजिये? A) 16000 B) 8000 C) 15000 D) 18000

