



**MATHS**

# 25 DAYS PAPERS

PAPER-5

LIVE | 09:00 AM





# UPCOMING ONLINE BATCHES

## July 2022

**06 July 2022**

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

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

**BILINGUAL****06 July 2022**

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

**ENGLISH MEDIUM****13 July 2022**

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

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

**BILINGUAL****20 July 2022**

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

10:30 AM to 12:30 PM  
**SSC ONLINE LIVE CLASS**

**BILINGUAL****27 July 2022**

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

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

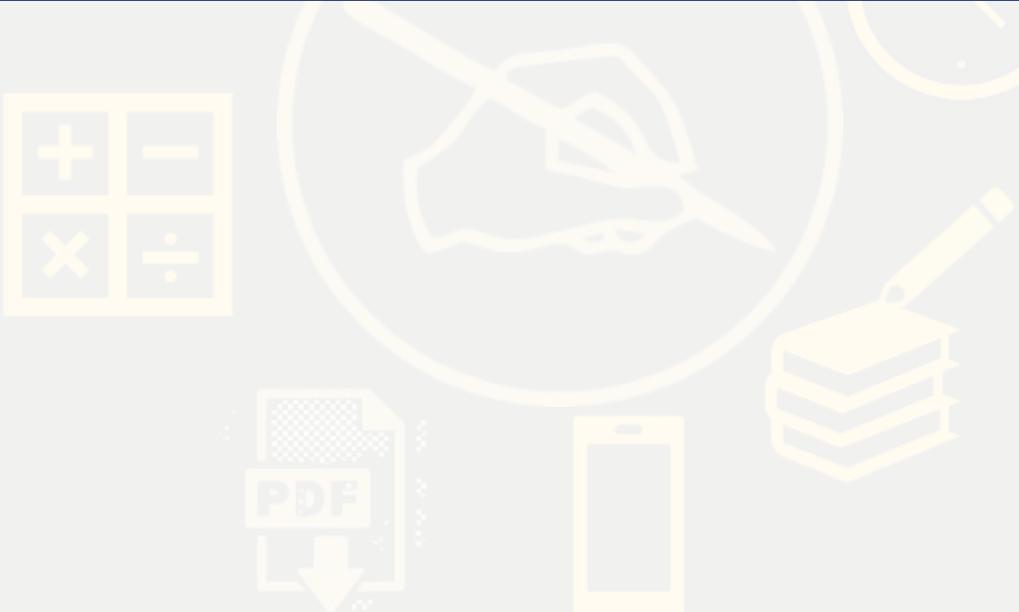
**BILINGUAL**[www.mahendras.org](http://www.mahendras.org)

7052477777/7052577777

Find the wrong term.

61. 15 , 20 , 40 , 165 , 680 , 3425

- (A)165      (B)40      (C)680      (D)15      (E)3425



Find the wrong term.

62. 1.7, 5.4, 19.2, 80.8, 412, 2460

(A)1.7      (B)2460      (C)19.2

(D)5.4      (E)412



Find the wrong term.

63. 2788 , 2913 , 2949 , 3292 , 3344 , 4085

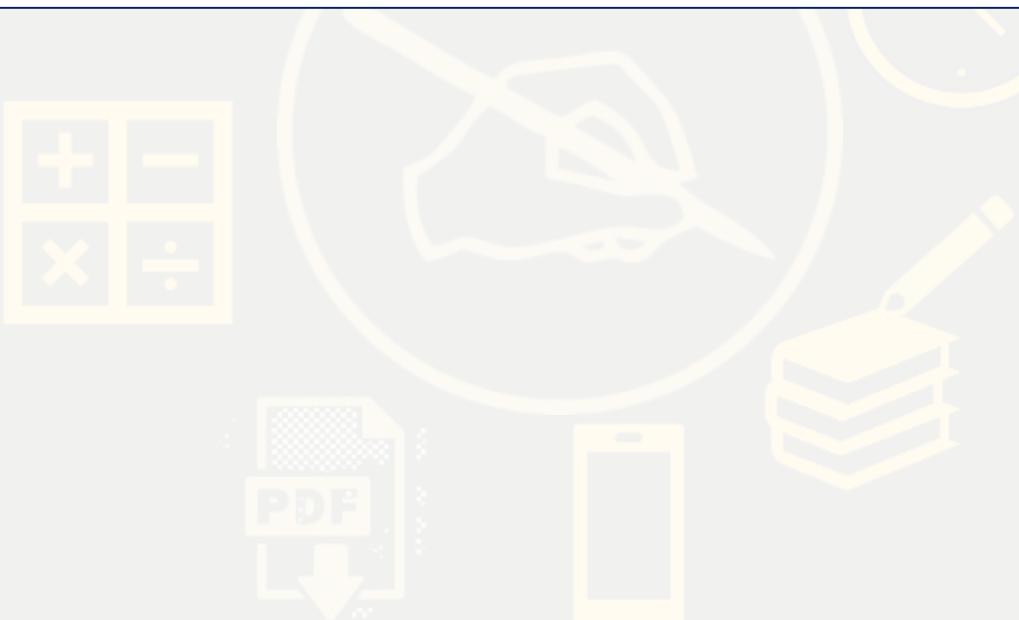
(A)2788

(B)4085

(C)3344

(D)2913

(E)3292



Find the wrong term.

64. 200 , 215 , 231 , 267 , 328 , 425

- (A)215      (B)425      (C)267      (D)200      (E)231



Find the wrong term.

65. 2160 , 1225 , 1080 , 864 , 720

(A)720      (B)2160      (C)864

(D)1225      (E)1080

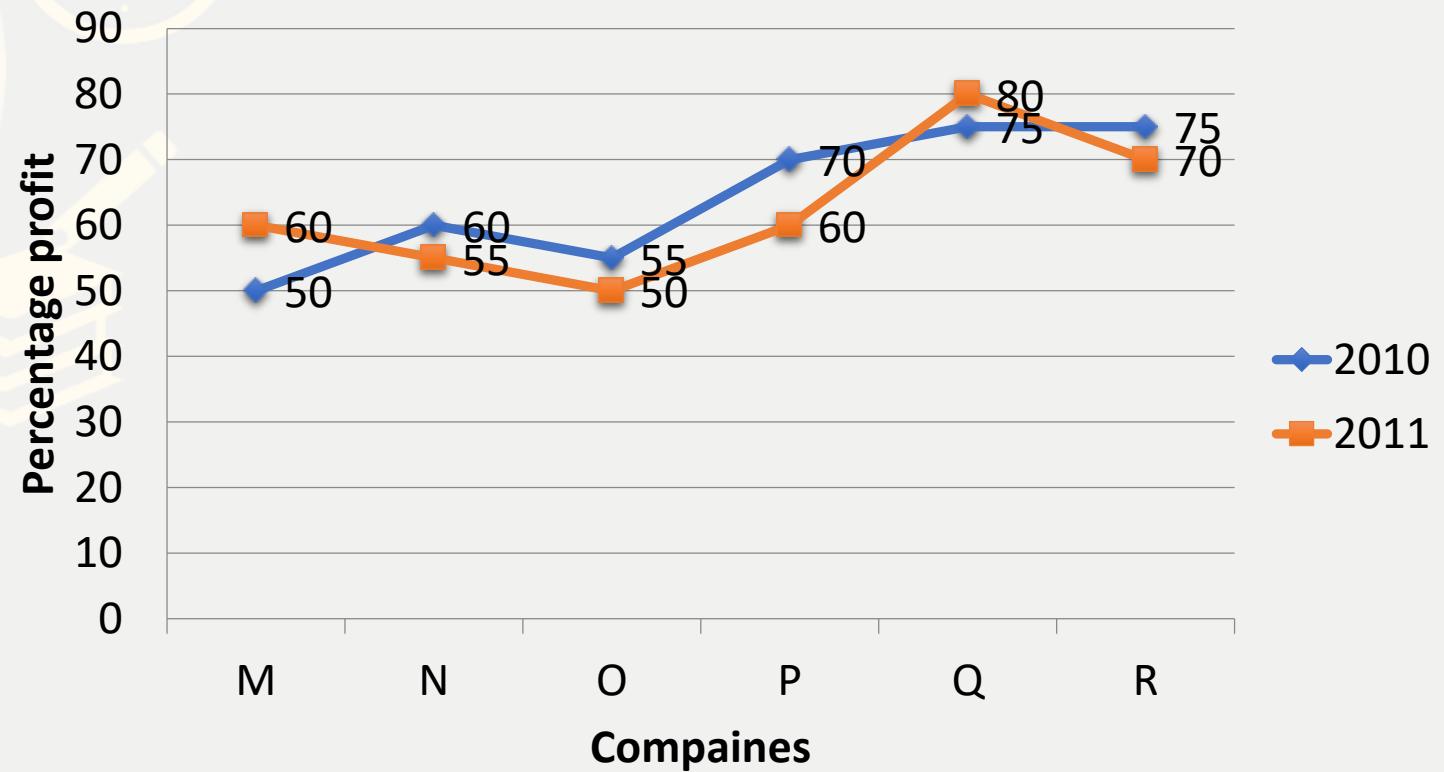


**Directions (Q. 26-30):** Read the following information carefully to answer the questions asked –

Percentage profit earned by six companies during 2010 and 2011.

Profit = Income – Expenditure

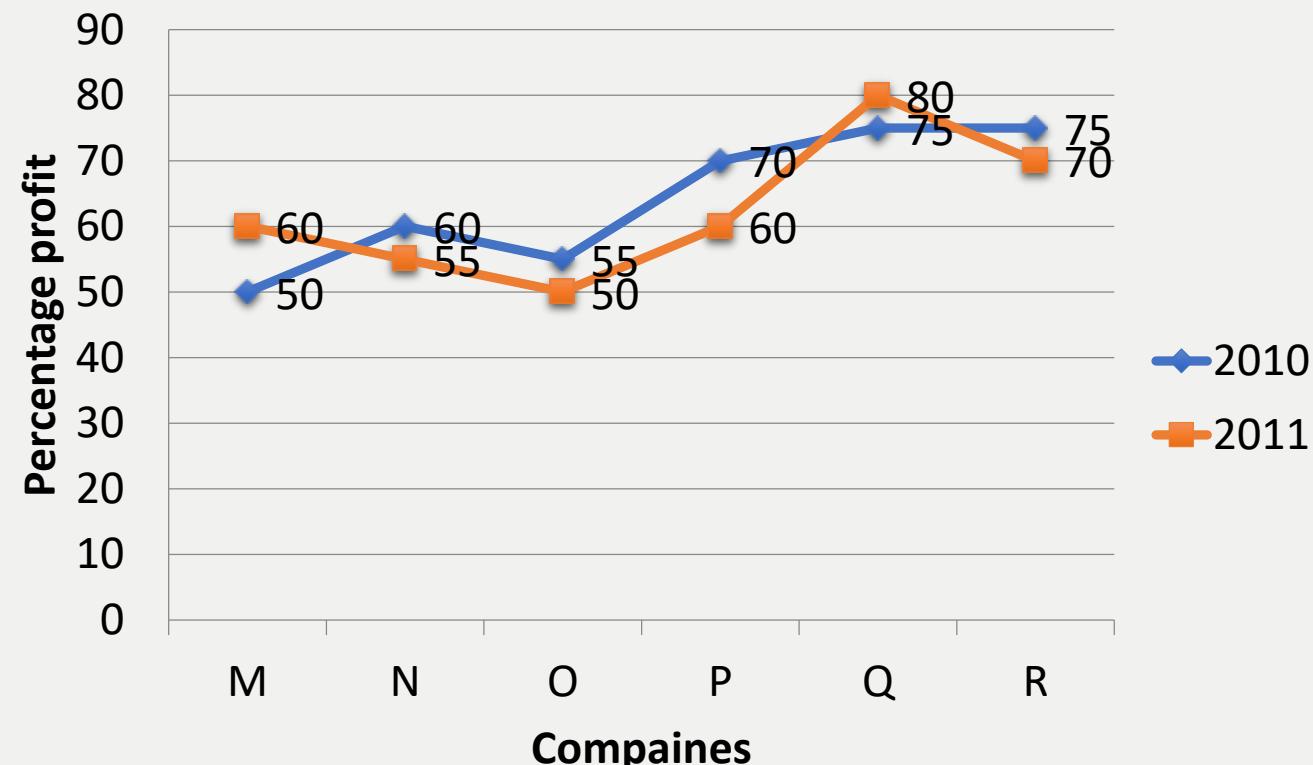
% profit = profit/ expenditure × 100



**Q.26 :-** If the income of company M in the year 2011 was Rs. 45 lakhs . What was its expenditure in that year ? ( in lakhs)

यदि वर्ष 2011 में कंपनी M की आय 45 लाख रुपये थी। उस वर्ष इसका व्यय कितना था? (लाख में)

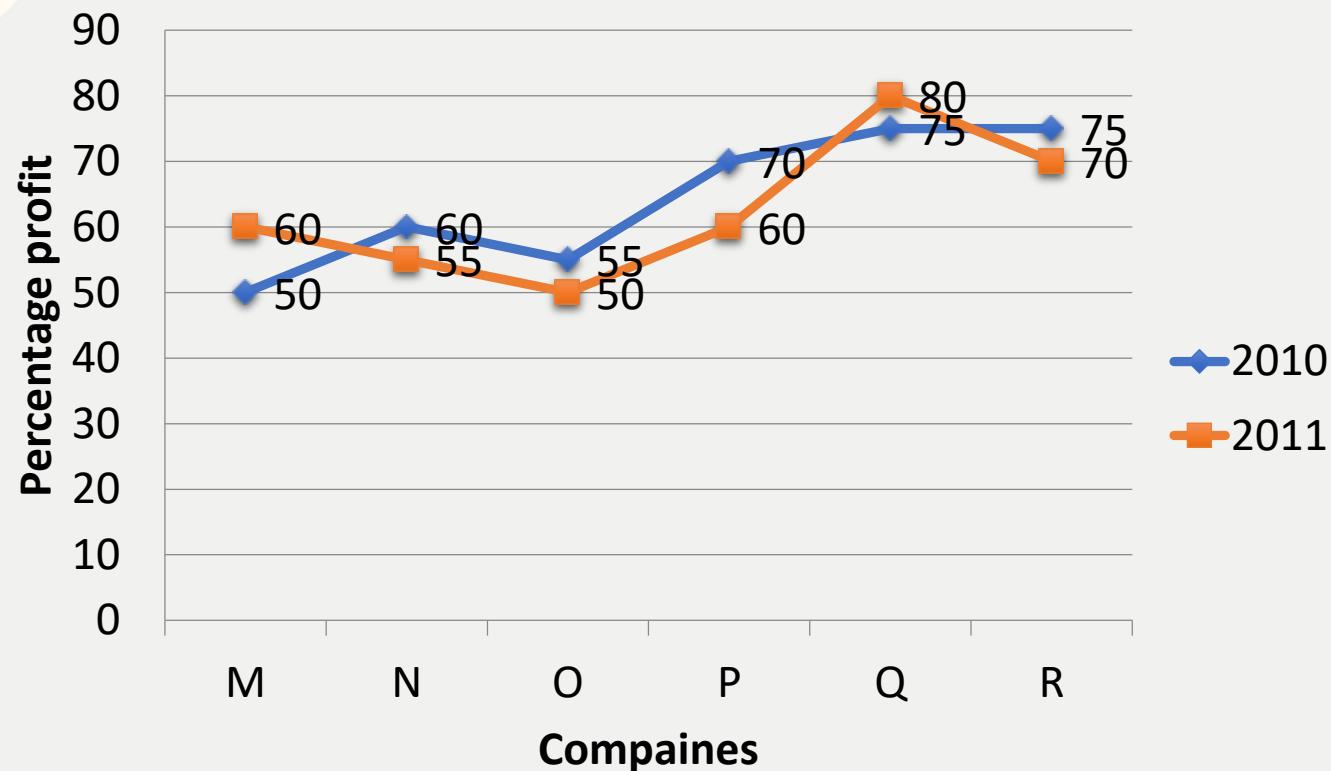
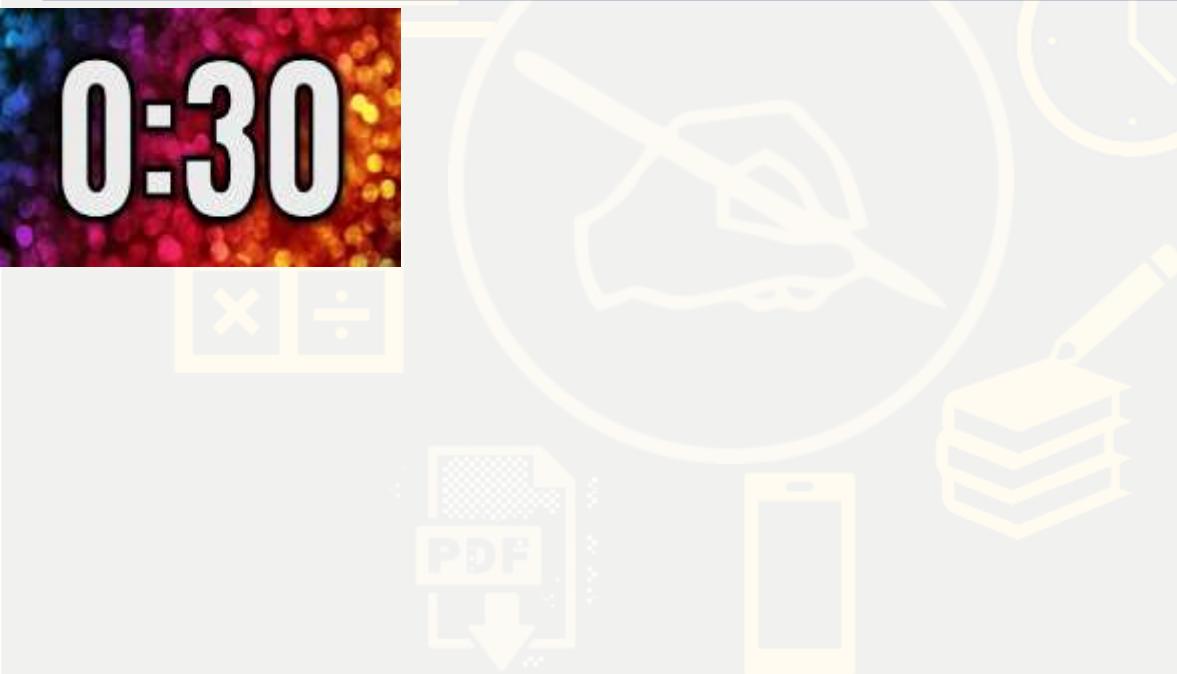
- (A)28.125      (B)38.225      (C)31.125      (D)32.125      (E)None of these



**Q.27 :-** If the expenditure incurred by company O in the year 2010 was Rs. 38 lakh, what was its income in that year? (in lakh)

यदि वर्ष 2010 में कंपनी O द्वारा किया गया व्यय रु. 38 लाख, उस वर्ष इसकी आय क्या थी? (लाख में)

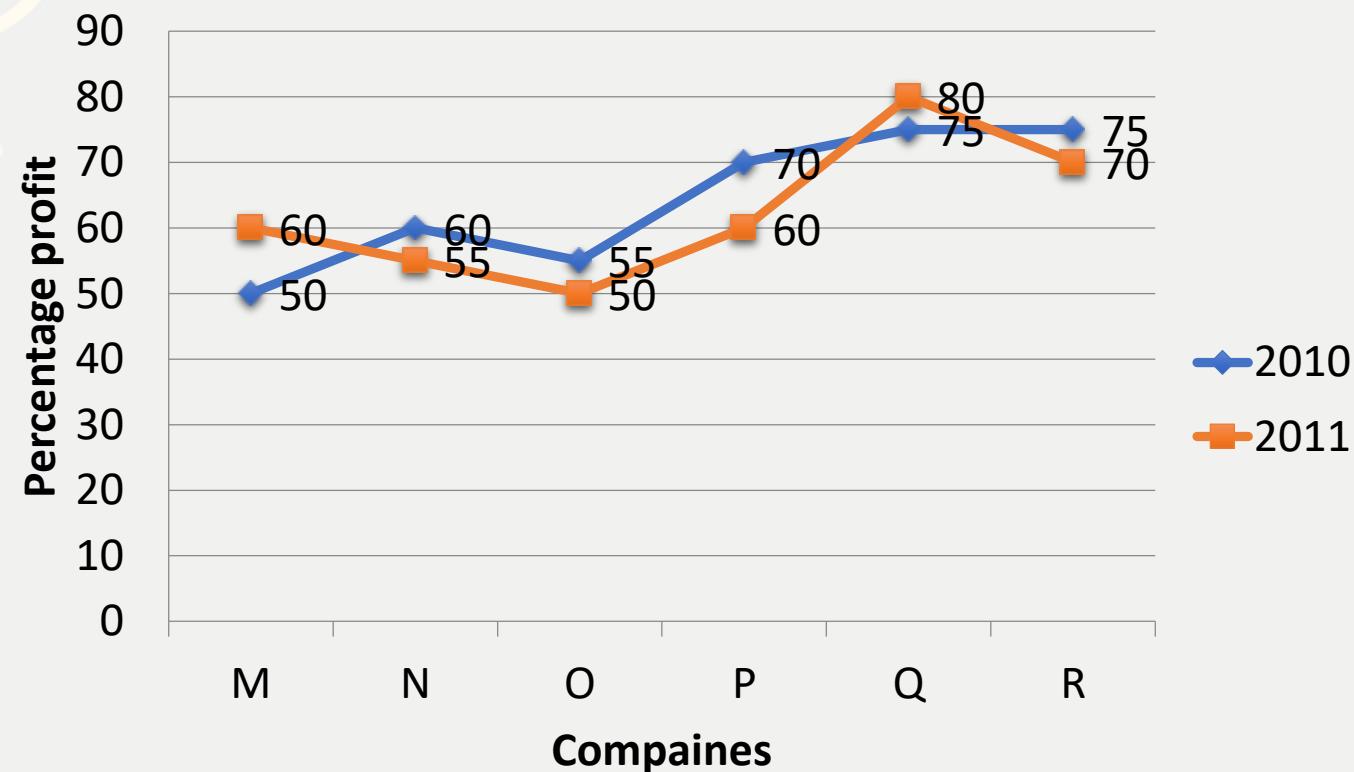
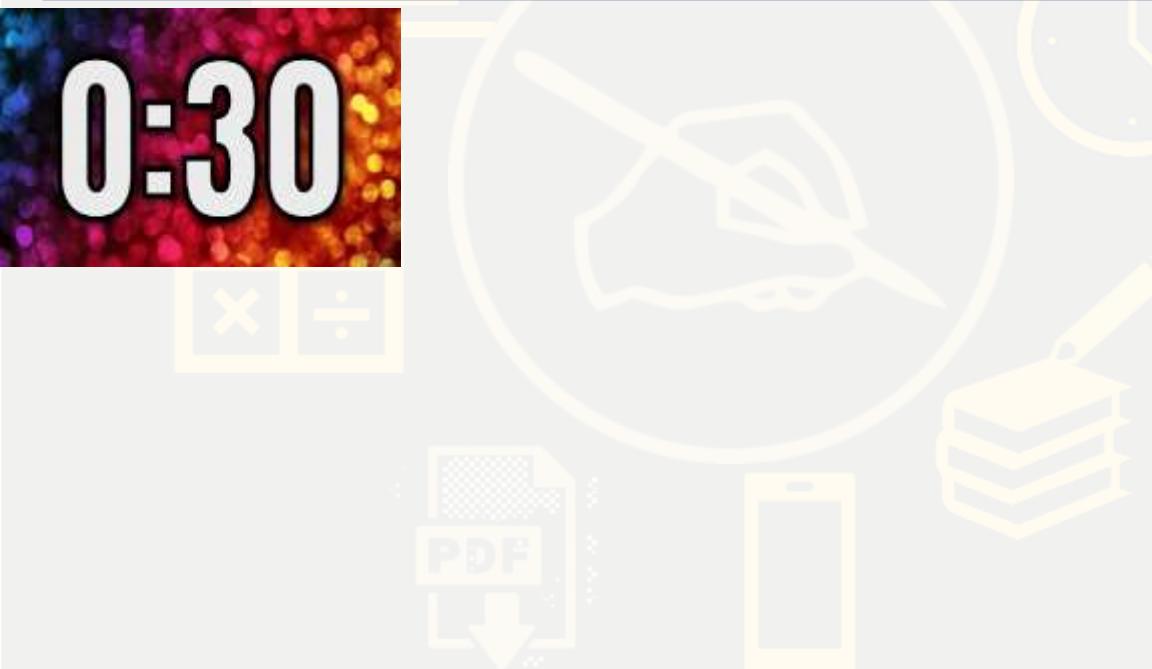
- (A) 56.9      (B) 52.49      (C) 58.9      (D) 51.19      (E) None of these



**Q.28 :-** If the total expenditure of company N and O together in the year 2011 was Rs. 56 lakh. What was the total income of these two companies in that year?

यदि वर्ष 2011 में कंपनी N और O का कुल व्यय एक साथ रु. 56 लाख। उस वर्ष इन दोनों कंपनियों की कुल आय कितनी थी?

- (A) 110 lakhs      (B) 125 lakhs      (C) 105 lakhs      (D) CND      (E) None of these



**Q.29:-** If the expenditure of company Q in the years 2010 and 2011 are equal , what was the ratio of its income in the year 2010 to that in 2011 ?

यदि वर्ष 2010 और 2011 में कंपनी Q का व्यय बराबर है, तो वर्ष 2010 में उसकी आय का 2011 में अनुपात कितना था?

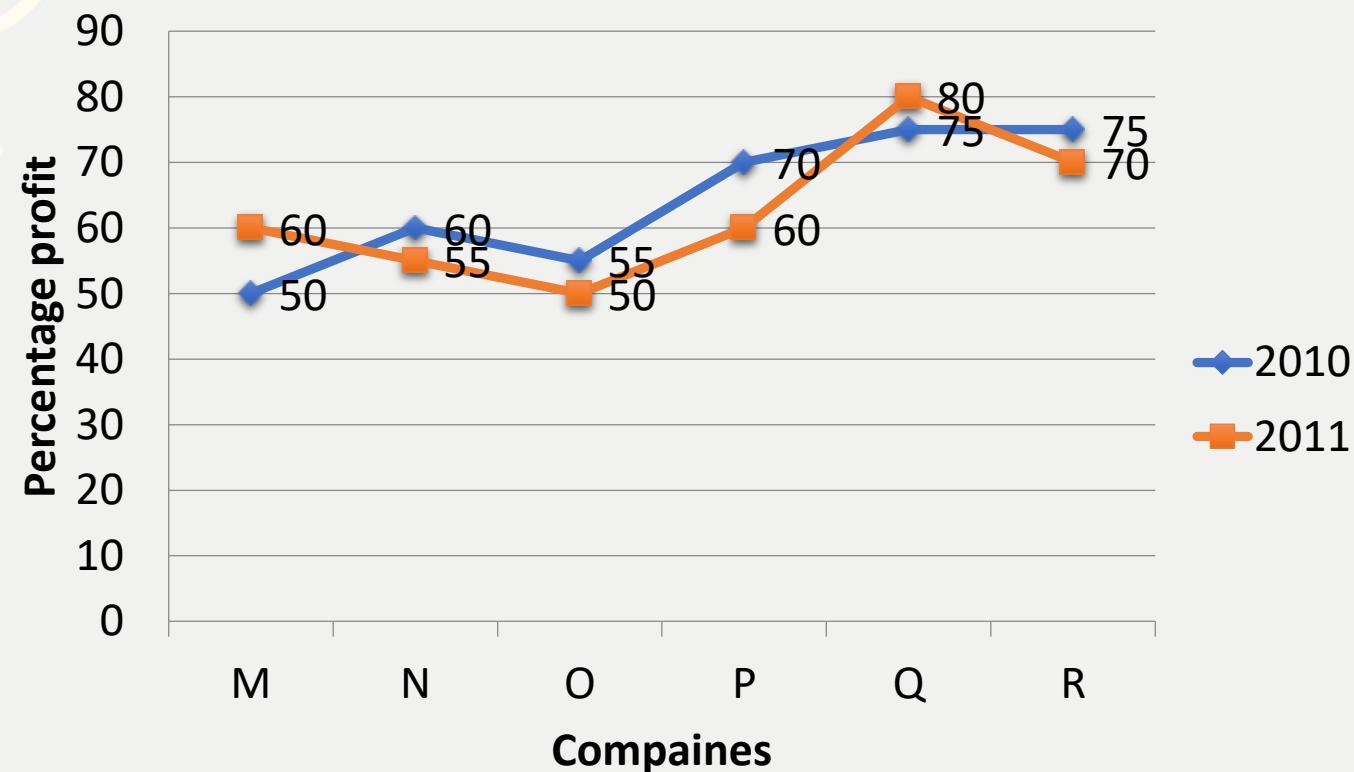
(A)34:37

(B)3:5

(C)35:36

(D)37:41

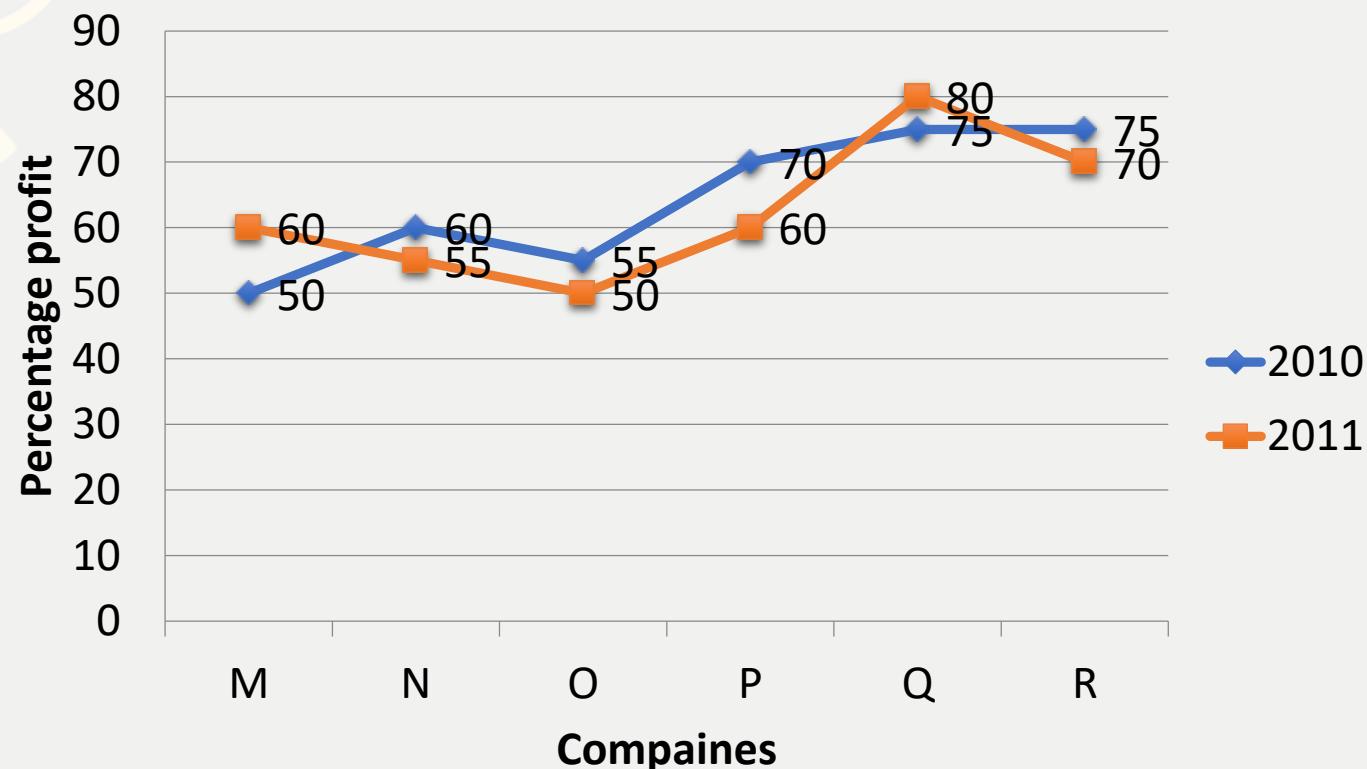
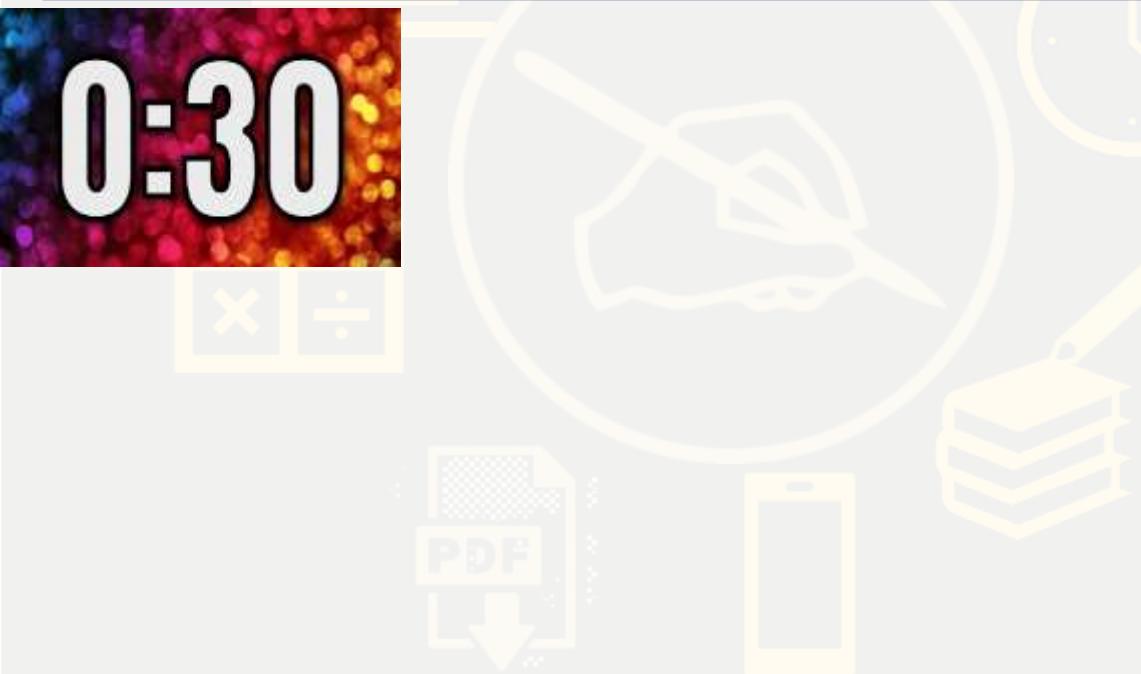
(E)None of these



**Q.30 :-** Income of company P in the year 2011 was Rs 42.5 lakhs , what was the amount of profit earned ?

वर्ष 2011 में कंपनी P की आय 42.5 लाख रुपये थी, अर्जित लाभ की राशि क्या थी?

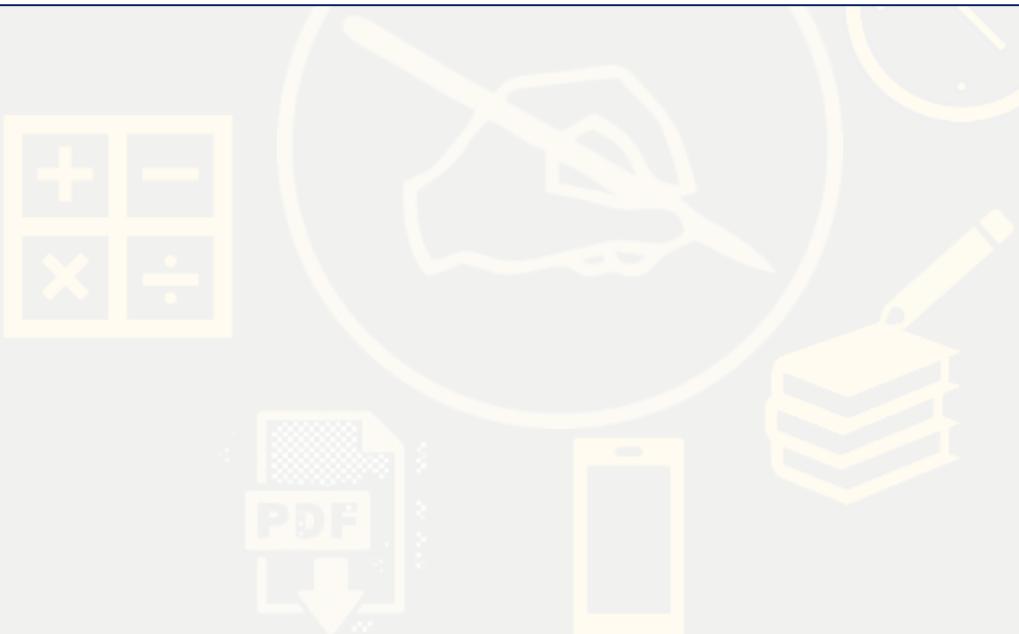
- (A) 16.5lakhs    (B) 15.5lakhs    (C) 16.25lakhs    (D) 14.25lakhs    (E) None of these



What value should come in the place of question mark(?)in the following questions?

$$0.02 \times 0.2 - 0.002 \div 20 + 0.02 = ?$$

- (A)0.00238      (B)0.238      (C)0.0239      (D)0.23      (E)None of these



What value should come in the place of question mark(?)in the following questions?

$$3456 + 5678 - 4444 = ?$$

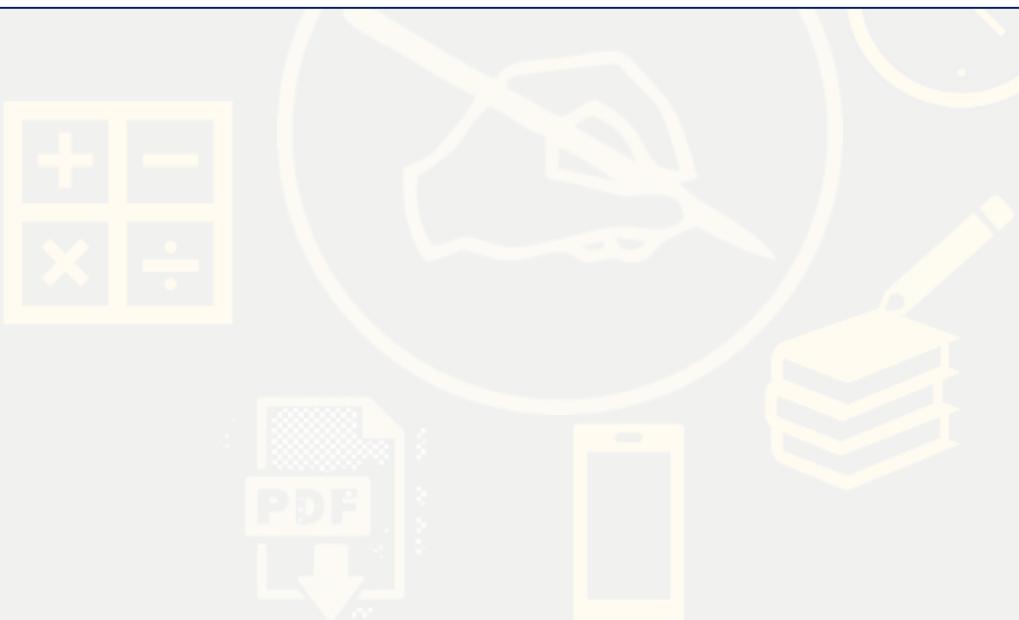
- (A)4690      (B)4096      (C)4960      (D)4660      (E) None of these



What value should come in the place of question mark(?)in the following questions?

$$\sqrt{34969} \times 5 = ?$$

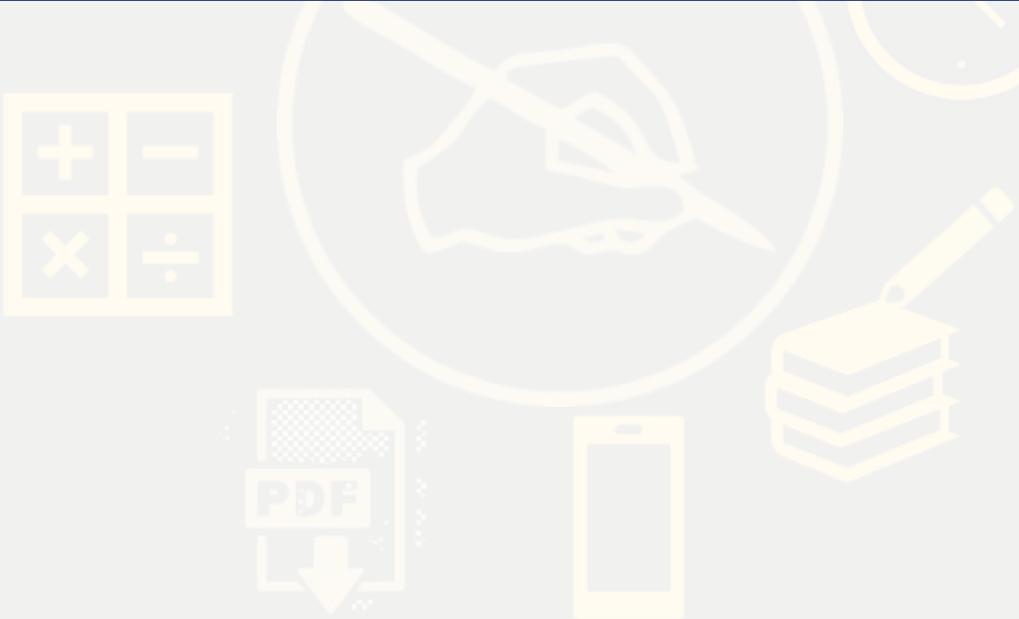
- (A)915      (B)930      (C)945      (D)940      (E)935



What value should come in the place of question mark(?)in the following questions?

$$35\% \text{ of } 1560 + ?\% \text{ of } 1950 = 780$$

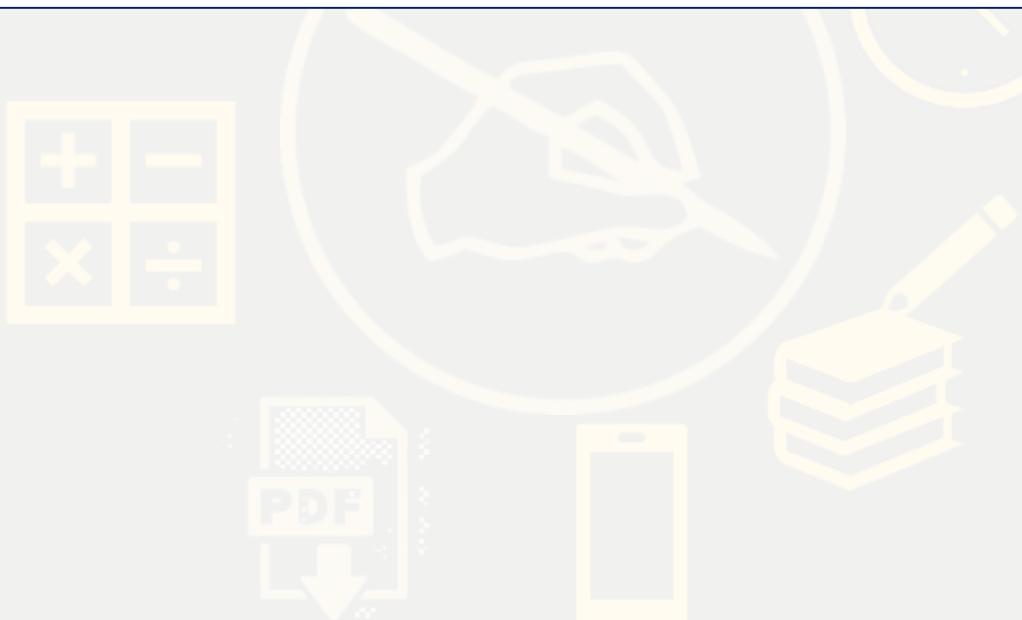
- (A)24    (B)12    (C)18    (D)16    (E)20



What value should come in the place of question mark(?)in the following questions?

$$60\% \text{ of } 250 + 40\% \text{ of } 500 = ?$$

- (A)450      (B)270      (C)348      (D)250      (E)350



What value should come in the place of question mark(?)in the following questions?

$$\sqrt{488601} + \sqrt{964324} = (?)^2$$

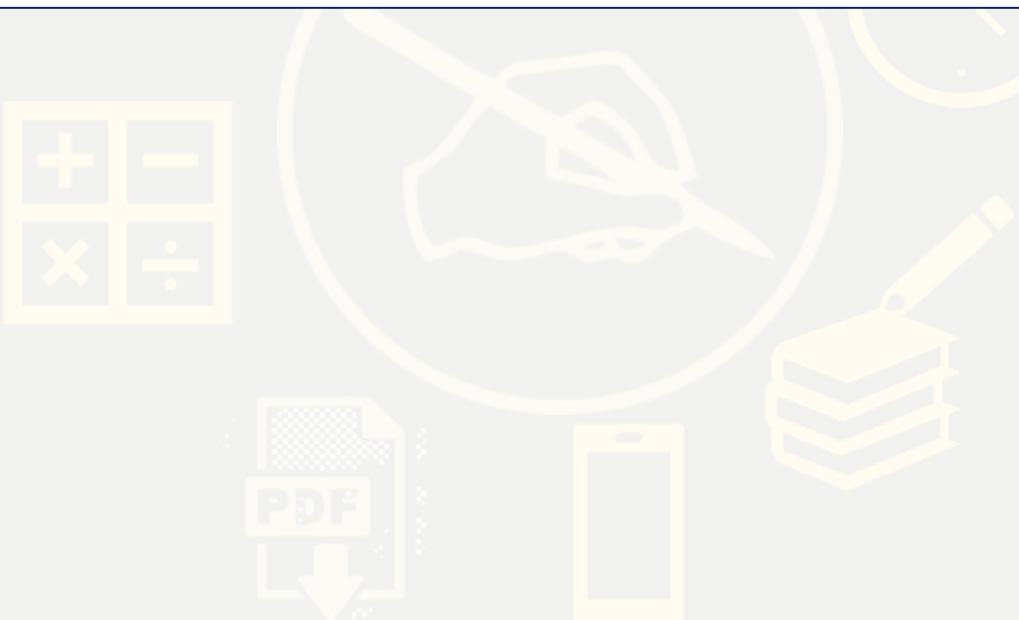
- (A)1681      (B)47      (C)43      (D)41      (E)None of these



What should come at place of the question mark (?) in the following number series ?

4 , 15 , 37 , 70 , 114 , ?

- (A)196      (B)176      (C)169      (D)159      (E)None of these



**A is thrice as efficient as B . B start the work and after 6 days A joins him and work is completed in 12 days. Find in how many days A can alone finish the work ?**

A, B से तीन गुना कुशल है। B काम शुरू करता है और 6 दिन बाद A उसके साथ जुड़ जाता है और काम 12 दिनों में पूरा हो जाता है। ज्ञात कीजिए कि A अकेले कार्य को कितने दिनों में समाप्त कर सकता है?

- (A)15days      (B)12days      (C)10days      (D)cannot be determine      (E)None of these



**While selling a shopkeeper allows 40% discount on the marked price and there is a loss of 30%. If it is sold at the marked price percent will be ?**

एक दुकानदार बेचते समय अंकित मूल्य पर 40% की छूट देता है और 30% की हानि होती है। यदि इसे अंकित मूल्य पर बेचा जाता है तो प्रतिशत होगा?

- (A)15%      (B)9%      (C)16.66%      (D)16%      (E) None of these



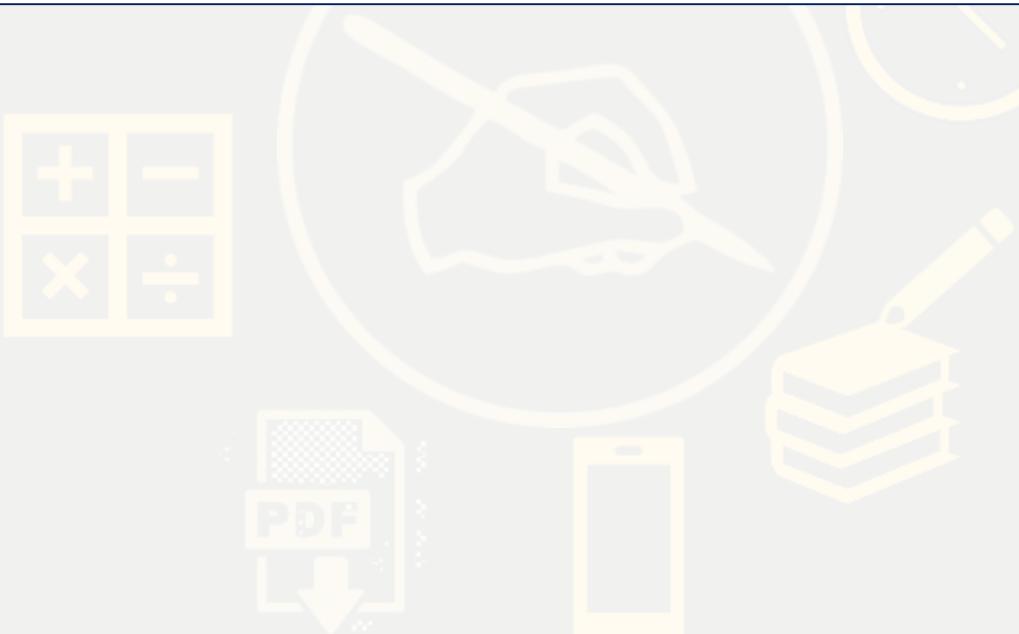
An amount will be Rs. 5200 in 5 years and Rs.5680 in 7 years at the rate of simple interest . What is the rate ? रुपये की राशि होगी। साधारण ब्याज की दर से 5 वर्ष में 5200 और 7 वर्षों में 5680 रु. क्या दर है ?

- (A)3 %      (B)4%      (C)5%      (D)6%      (E)None of these



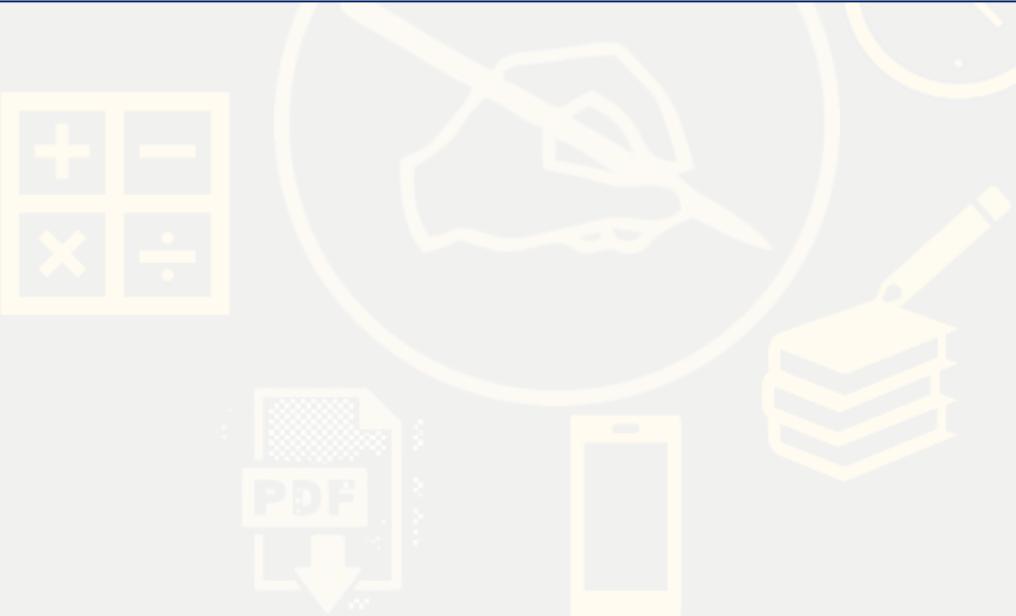
An amount will be two times at the rate of compounded interest in 15 years then in how many years it will be 8 times? एक राशि चक्रवृद्धि ब्याज की दर से 15 वर्षों में दुगनी होगी तो वह कितने वर्षों में 8 गुना हो जाएगी?

- (A)50      (B)30      (C)45      (D)60      (E)None of these



A boy has to be asked to multiply a number by 50. He multiplied that number with 30. The obtained answer is 400 less than the right answer. The number which was to be multiplied is - एक लड़के को एक संख्या को 50 से गुणा करने के लिए कहा जाता है। उसने उस संख्या को 30 से गुणा किया। प्राप्त उत्तर सही उत्तर से 400 कम है। जिस संख्या का गुणा किया जाना था वह है -

- (A)10      (B)20      (C)30      (D)40      (E)None of these



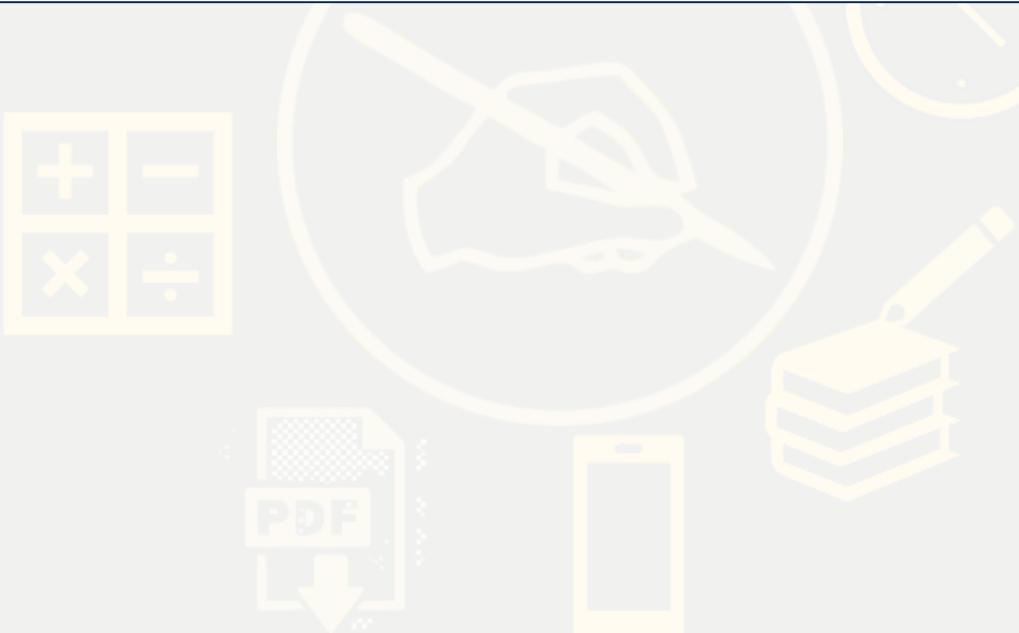
The average of five numbers is 27. if a number is removed from this list then average becomes 25. what is the removed number? पाँच संख्याओं का औसत 27 है। यदि इस सूची से एक संख्या को हटा दिया जाए तो औसत 25 हो जाता है। हटाई गई संख्या क्या है?

- (A)25      (B) 27      (C) 30      (D)35      (E)None of these



The radius of a circular wheel is 1.75 m. how many rotation it will take to cover the distance of 11 km ? एक वृत्ताकार पहिये की त्रिज्या 1.75 मीटर है। 11 किमी की दूरी तय करने में उसे कितने चक्कर लगेंगे?

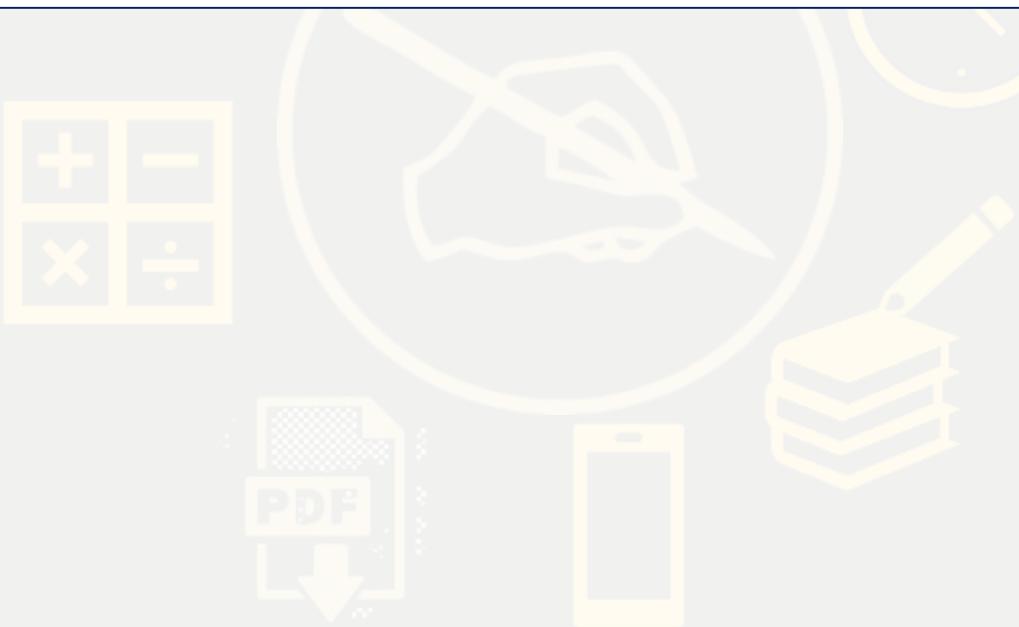
- (A)800      (B)900      (C)1000      (D)1200      (E)None of these



What should come at place of the question mark (?) in the following number series ?

8 , 5 , 9 , 22.5 , 61 , ?

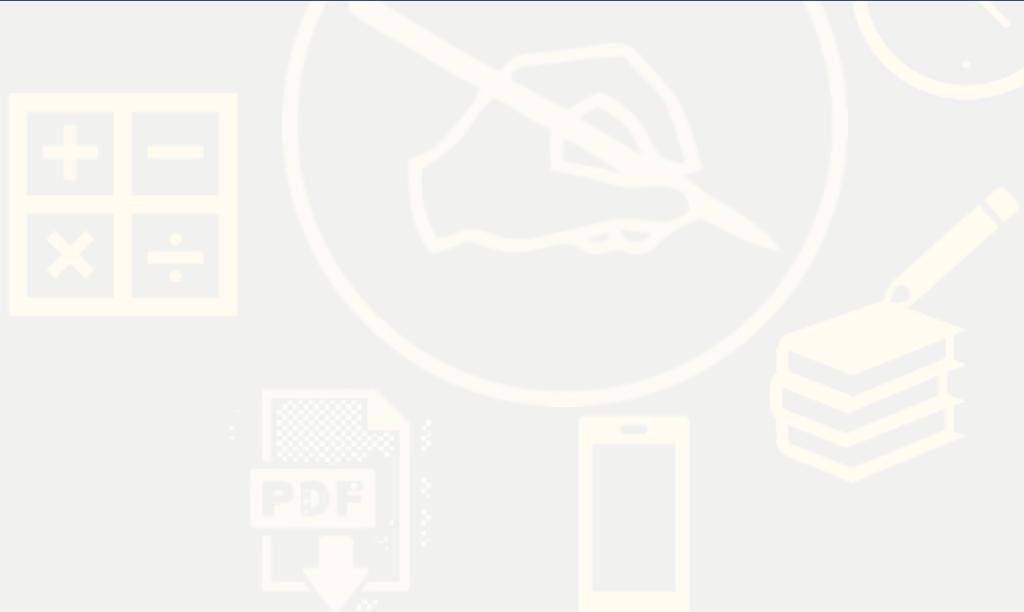
- (A)187.5      (B)177.5      (C)197.5      (D)167.5      (E)None of these



What should come at place of the question mark (?) in the following number series ?

**1697 , 1256 , 895 , 606 , ? , 212**

- (A)381      (B)371      (C)361      (D)379      (E)None of these



What should come at place of the question mark (?) in the following number series ?

2000 , 1004 , 506 , 257 , 132.5 , ?

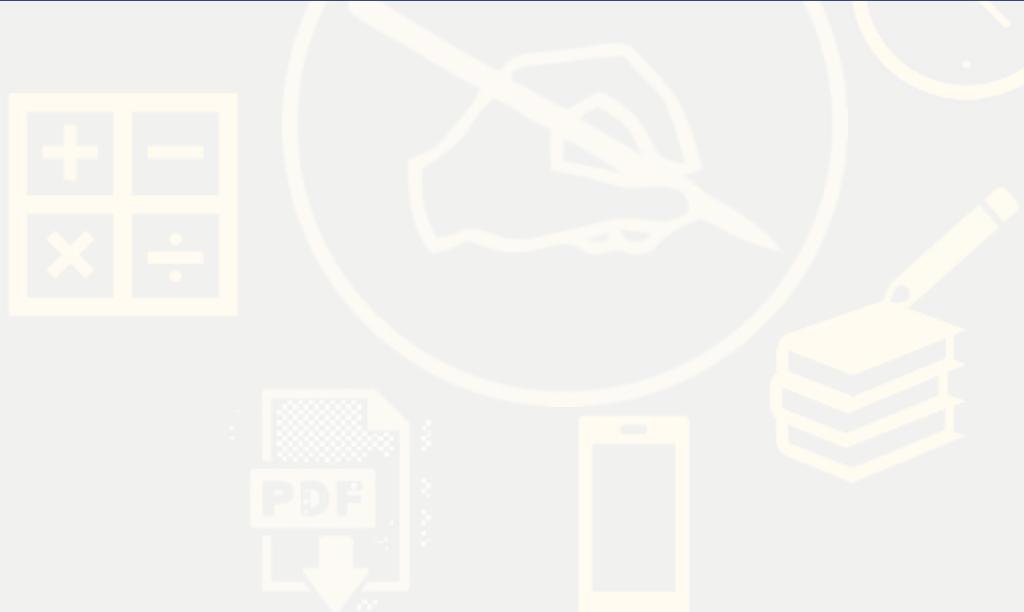
- (A)100.25      (B)80.25      (C)70.25      (D)78.25      (E) None of these



What should come at place of the question mark (?) in the following number series ?

864 , 656 , 552 , 500 , ? , 461

- (A)478      (B)476      (C)475      (D)47      (E)None of these



# THANKS



