





**Mahendra's**

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**Mahendra's**



# IBPS/SBI/RBI/NABARD

## MATHS

# **SIMPLIFICATION DAY 1**



**LIVE**

**09:00 AM**

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++++  
++++

Class Time :- 9:00 AM



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# UPCOMING ONLINE BATCHES

## February 2022

**02 Feb 2022**

**08:00 AM to 10:00 AM**

**BANK ONLINE LIVE CLASS**

**05:30 PM to 07:30 PM**

**BANK ONLINE LIVE CLASS**

**01:00 PM to 03:00 PM**

**SSC ONLINE LIVE CLASS**

**10:30 AM to 12:30 PM**

**SSC ONLINE LIVE CLASS**

**BILINGUAL**

**09 Feb 2022**

**10:30 AM to 12:30 PM**

**BANK ONLINE LIVE CLASS**

**03:00 PM to 05:00 PM**

**BANK ONLINE LIVE CLASS**

**08:00 AM to 10:00 AM**

**SSC ONLINE LIVE CLASS**

**05:30 PM to 07:30 PM**

**SSC ONLINE LIVE CLASS**

**BILINGUAL**

**16 Feb 2022**

**01:00 PM to 03:00 PM**

**BANK ONLINE LIVE CLASS**

**08:00 AM to 10:00 AM**

**BANK ONLINE LIVE CLASS**

**07:30 PM to 09:30 PM**

**SSC ONLINE LIVE CLASS**

**03:00 PM to 05:00 PM**

**SSC ONLINE LIVE CLASS**

**BILINGUAL**

**23 Feb 2022**

**10:30 AM to 12:30 PM**

**BANK ONLINE LIVE CLASS**

**07:30 PM to 09:30 PM**

**BANK ONLINE LIVE CLASS**

**08:00 AM to 10:00 AM**

**SSC ONLINE LIVE CLASS**

**01:00 PM to 03:00 PM**

**SSC ONLINE LIVE CLASS**

**BILINGUAL**



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



7052477777/7052577777

Class Time :- 9:00 AM





# Mahendra's

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Mohit.. 8 hours ago

Thank-you Sir for this Amazing Class of today's..🙏🙏

And

My Answer for today's homework is like-

14). Option D- 777...

Read more

👍 1 🗨️ REPLY



Rajnandini Pal 8 hours ago

Home work Answer

Q1) 779(option D)

Q2) 9221(option D)

Thank you so much sir 🙏🙏

Read more

👍 1 🗨️ REPLY



Manshi Vasita 7 hours ago

Answer 14 : 777

Answer 15 : 9221

Thank you so much.....sir .....amazing session.

👍 1 🗨️ REPLY



Sarita 7 hours ago

Homework answer

Q.14) option D (777)

Q.15) option D ( 9221 )

Today nice session sir ...

Read more

👍 1 🗨️ REPLY



Palak Shukla 8 hours ago (edited)

Homework answers---

14) 777 , Option D

15) 9221, Option D

Thankyou sir 🙏🙏

👍 2 🗨️ REPLY



AAYUSH SRIVASTAVA 8 hours ago

HOMEWORK QUESTIONS- Q1- (D):777

Q2- (D): 9221

👍 1 🗨️ REPLY



akanksha 8 hours ago

Thank u so muchh sir for amazing class 🙏🙏

👍 1 🗨️ REPLY



Dream Wardi GK 8 hours ago

Ryan\* सफलता आपसे ये 5 चीजें मांगती है-

जय हिन्द 🇮🇳🙏🙏

👍 1 🗨️ REPLY



Rohon :) 7 hours ago

H.W 14. D)777

15. D) 9221

Thank you sir 🙏

👍 1 🗨️ REPLY



AAYUSH SRIVASTAVA 8 hours ago

THANK YOU VERY MUCH SIR

👍 1 🗨️ REPLY



Rahul Kumar Upadhyay 4 hours ago

Today home work will be

14. Option no ddd 777

15. Option no Ddd 9221

Nice session sir ji 🙏🙏🙏🙏

👍 1 🗨️ REPLY



Ragini Jha 1 hour ago

Homework answer

Q.14- d 777

Q 15- d 9221

👍 1 🗨️ REPLY



Aspirant JâyiP 8 hours ago

Sir we want mains level di class

👍 1 🗨️ REPLY



roshni tiwari 8 hours ago

(14 )ans 777

(15) ans 9221

👍 1 🗨️ REPLY



Ankita Kumari 8 hours ago

14.D 777

15.D 9221

👍 1 🗨️ REPLY



Dron patodia 6 hours ago

Q.14 .777

Q 15.9221

👍 1 🗨️ REPLY



Aspirant JâyiP 8 hours ago

HW

14 d

15 d

👍 1 🗨️ REPLY



Akash Sonker 8 hours ago

24410

👍 1 🗨️ REPLY



Akash Sonker 8 hours ago

8263hoga

👍 1 🗨️ REPLY



Akash Sonker 8 hours ago

617280hoga

👍 1 🗨️ REPLY



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

$$637 + 21 \times 26 - \sqrt{2116} = ?$$

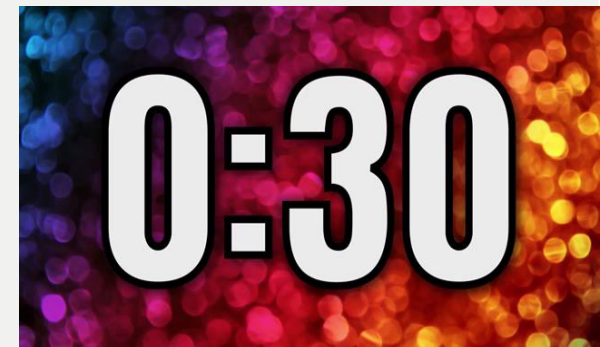
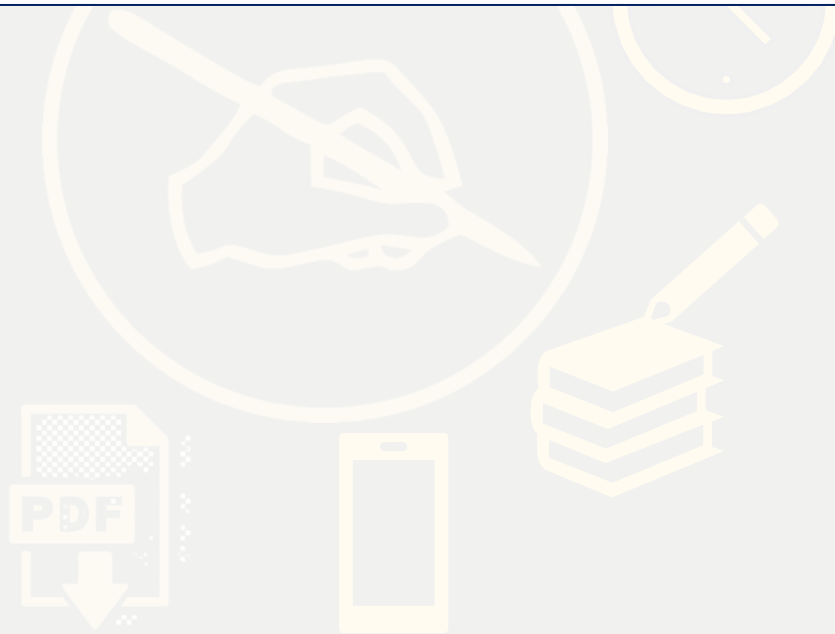
**(A)1137**

**(B)1127**

**(C)1134**

**(D)1760**

**(E)None of these**





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

$$221 + 344 - 1440 \text{ of } 25\% + 32^2 = ?$$

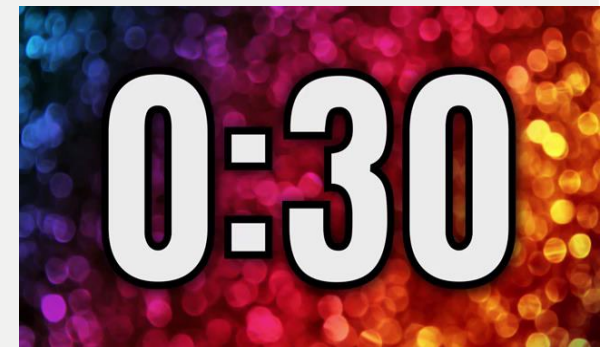
**(A)1329**

**(B)1220**

**(C)1230**

**(D)1229**

**(E)None of these**





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

$$216 \times 6 + 132 \div 6 - \sqrt{1444} = ?$$

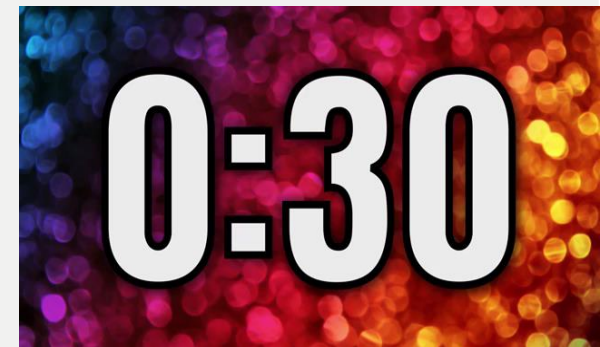
**(A)1240**

**(B)1280**

**(C)1260**

**(D) 1270**

**(E)None of these**





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

$$51^2 + 128 \times 75\% - 97 = ?$$

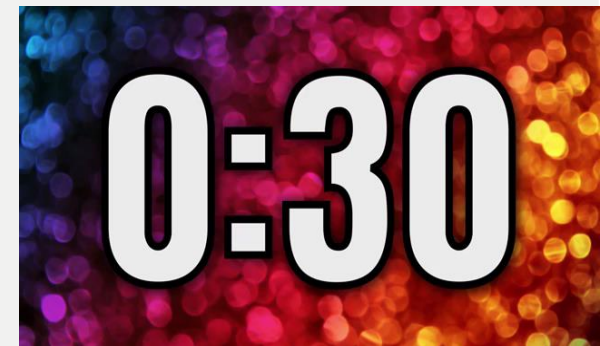
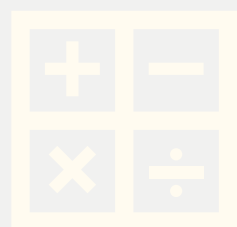
**(A)2600**

**(B)2500**

**(C)2400**

**(D)2450**

**(E)None of these**







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

**6. 520 , 532 , 508 , 544 , ? , 556**

**(A) 440**

**(B) 496**

**(C) 500**

**(D) 510**

**(E) None of these**





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

**7. 2033 , ? , 2054 , 2075 , 2103 , 2138**

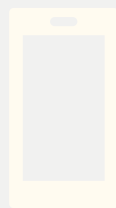
**(A)2040**

**(B)2000**

**(C)2045**

**(D)2060**

**(E)2020**





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

**8. 20 , 12 , 14 , 23 , 48 , ?**

**(A) 120**

**(B)122**

**(C)150**

**(D)140**

**(E)130**





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

**9. 19 , 20 , 42 , 129 , ? , 2605**

**(A)700**

**(B)1200**

**(C) 520**

**(D)450**

**(E)800**

**0:30**





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

**10. 302 , 142 , 62 , ? , 2 , -8**

**(A)32**

**(B) 22**

**(C)25**

**(D)28**

**(E)35**

**0:30**



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

$$224 \div 4 \times 12 + 320 = ? + 412$$

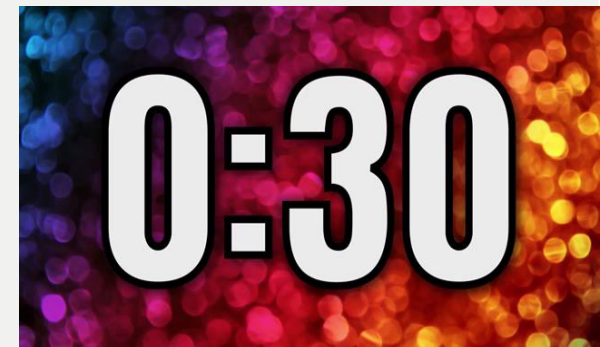
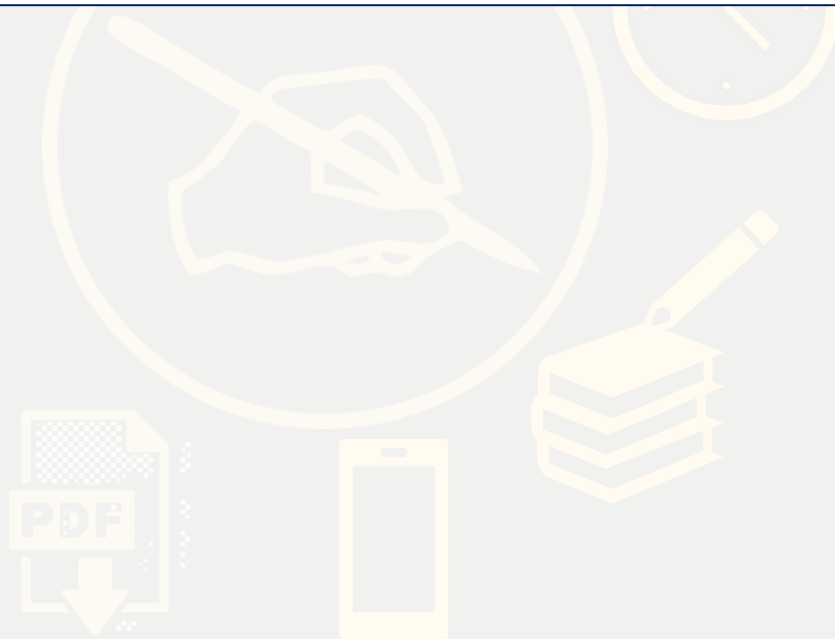
**(A) 580**

**(B)570**

**(C) 562**

**(D)567**

**(E)None of these**





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

$$54390 + 32405 + 21049 - 37824 = ?$$

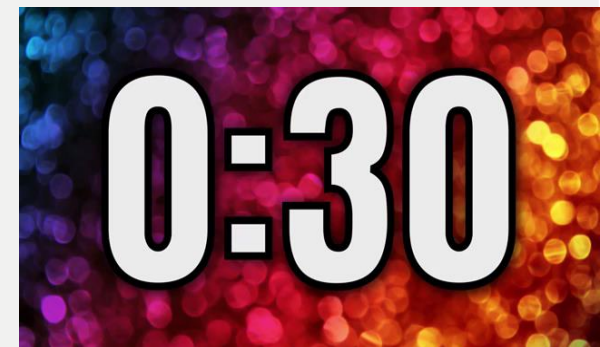
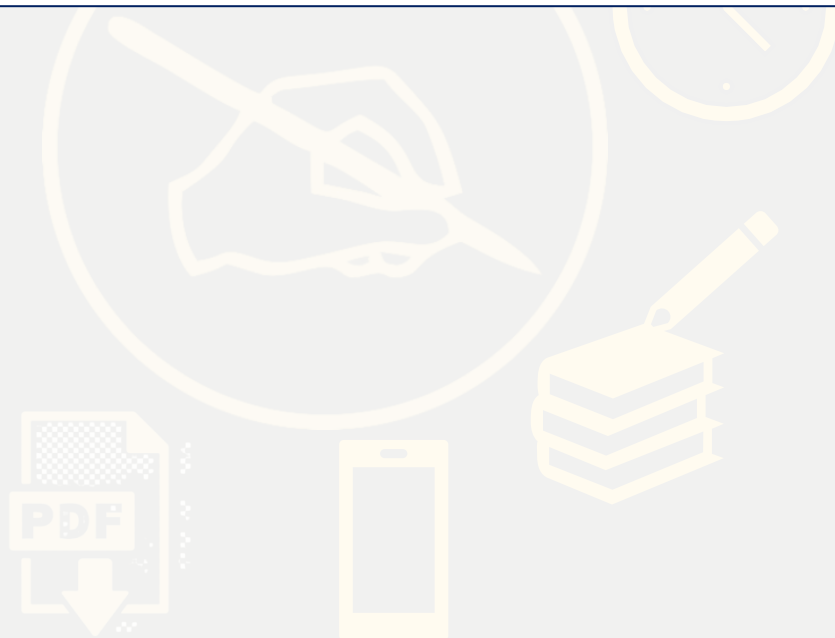
**(A)70010**

**(B)70020**

**(C)84634**

**(D)76007**

**(E)None of these**





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

$$23^3 + 1640 \div 8 - 16^2 = ?$$

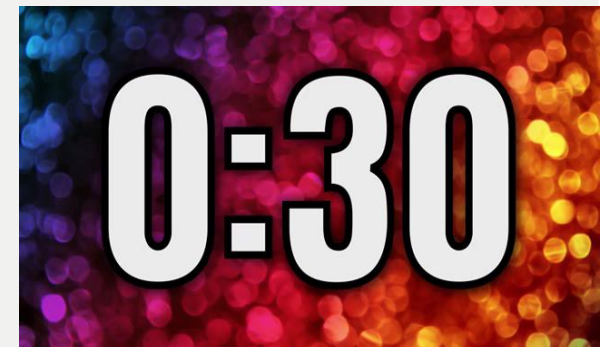
**(A) 12336**

**(B)12313**

**(C)12116**

**(D) 11231**

**(E)None of these**







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

$$(\sqrt{1024 + 228 \div 19})^2 - 71 = ?$$

**(A)2529**

**(B)2520**

**(C)2530**

**(D)2149**

**(E)None of these**





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

$$2460 \div 12 \div 5 + 135 = ?$$

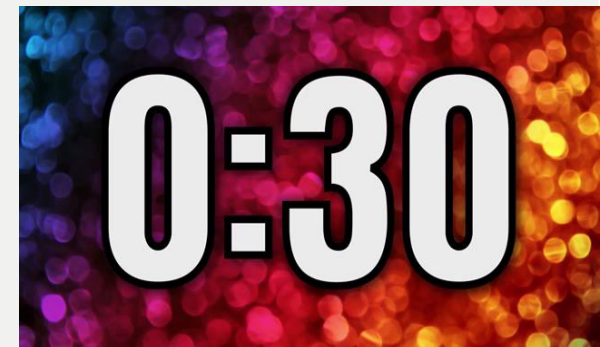
**(A)156**

**(B)166**

**(C)162**

**(D) 176**

**(E)None of these**





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

$$376 \times 25 \% + 192 \times 75\% - 1919 = ?$$

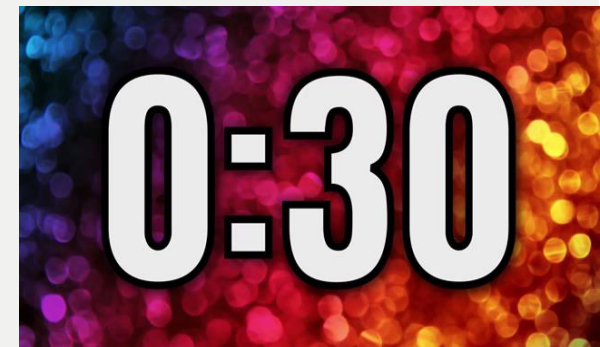
**(A)142**

**(B)150**

**(C)130**

**(D)145**

**(E)None of these**





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

$$20\% \text{ of } 27 + 40\% \text{ of } 64 = ?$$

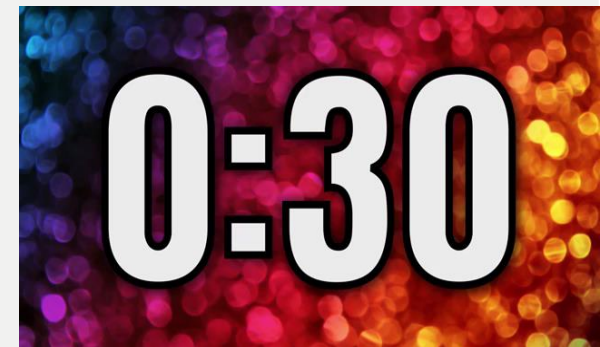
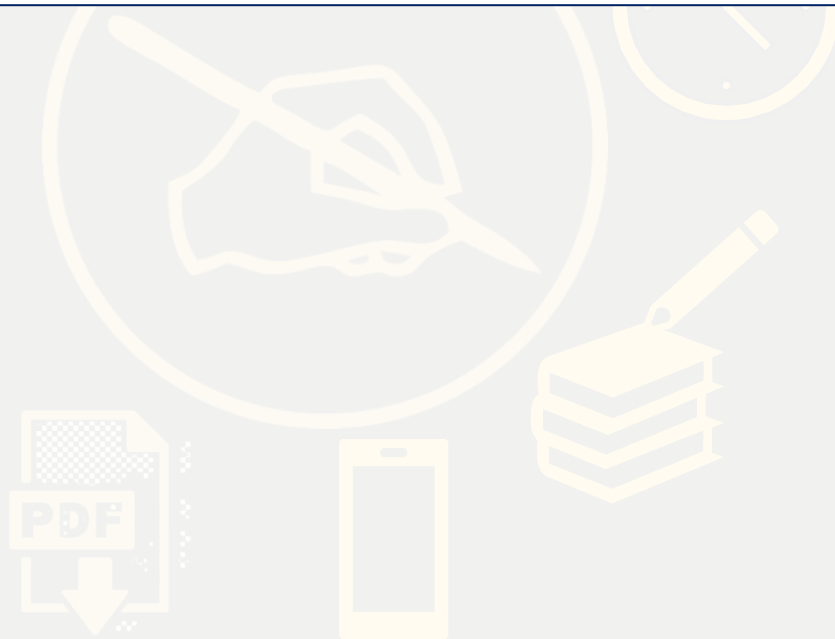
**(A) 50.2**

**(B) 52.2**

**(C) 51.2**

**(D) 53.2**

**(E) 54.2**







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

$$12 \times 14 + 46^2 - 552 \div 3 = ?$$

**(A)2180**

**(B)2100**

**(C)2304**

**(D)2204**

**(E)None of these**

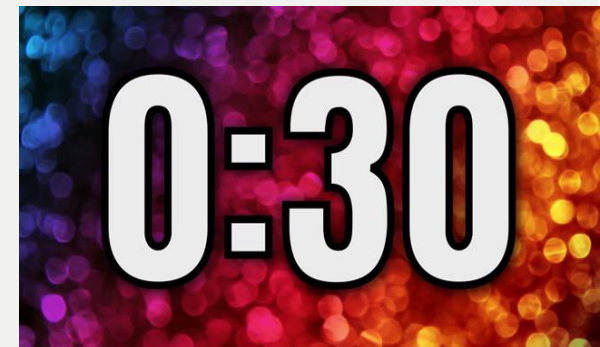




**What value should come in the place of question mark(?)in the following questions?**

$$\frac{5}{17} \times \frac{102}{120} \times 520 = ?$$

- (A) 90      (B) 118      (C) 130      (D) 138      (E) None of these

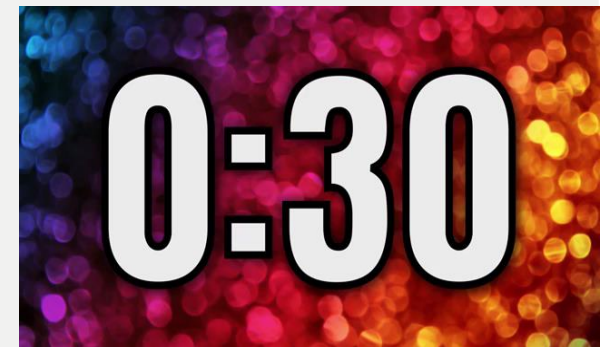




**What value should come in the place of question mark(?)in the following questions?**

$$4^4 + 5^4 + 10\% \text{ of } 8000 = ?^2$$

- (A) 31      (B) 1681      (C) 41      (D) 961      (E)None of these**





**Direction (21 to 25 ):- In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.**

- (a) If  $x > y$**
- (b) If  $x < y$**
- (c) If  $x \geq y$**
- (d) If  $x \leq y$**
- (e)  $x = y$  or no relation can be established**



**Q.21 :-**

**I.  $x^2 - 11x + 30 = 0$**

**II.  $y^2 + 12y + 36 = 0$**

**Q.22 :-**

**I.  $x^2 + 13x + 40 = 0$**

**II.  $y^2 + 7y + 10 = 0$**

**Q.23 :-**

**I.  $x^2 - 20x + 91 = 0$**

**II.  $y^2 + 16y + 63 = 0$**

**Q.24 :-**

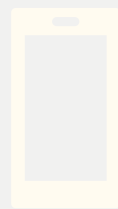
**I.  $x^2 - x - 12 = 0$**

**II.  $y^2 + 5y + 6 = 0$**

**Q.25 :-**

**I.  $x^2 + 9x + 20 = 0$**

**II.  $8y^2 - 15y + 7 = 0$**

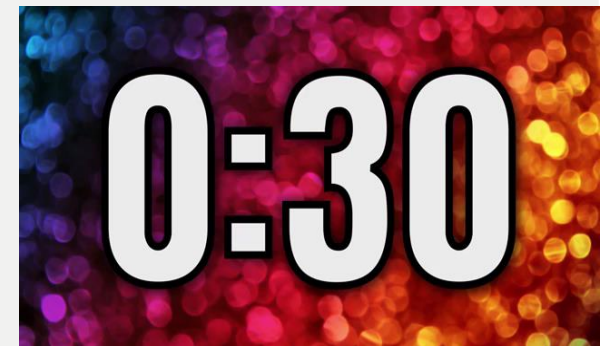




**What value should come in the place of question mark(?) in the following questions.**

$$1440 \text{ of } 37.5\% + 1280 \text{ of } 25\% = ? \% \text{ of } 2000$$

- (A) 43      (B) 46      (C) 48      (D) 42      (E) None of these





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

$$226 + 1230 + 16 \times 19 - \sqrt{1156} = ?$$

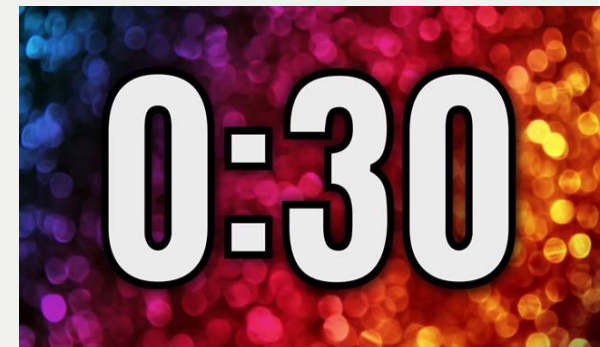
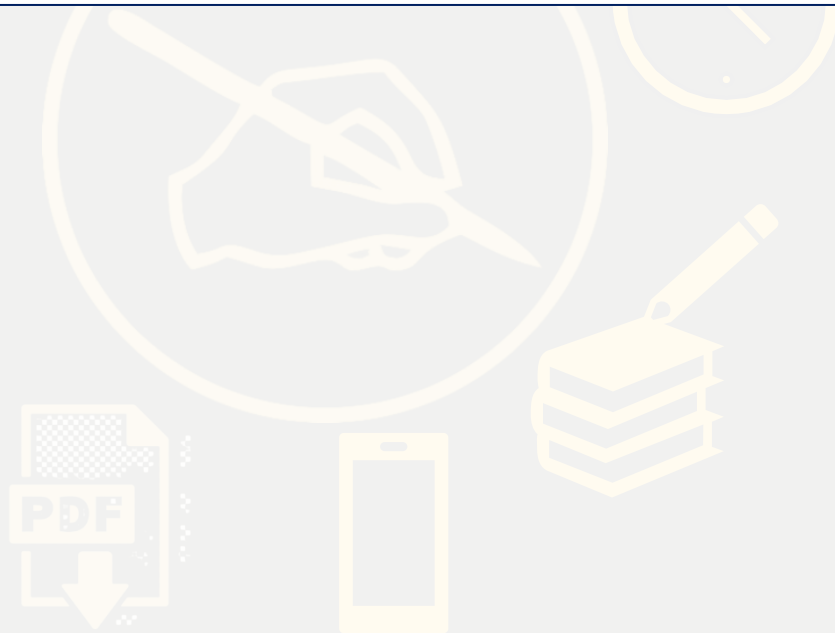
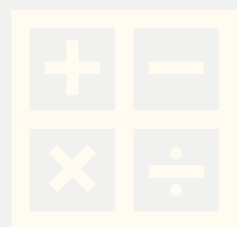
**(A)1737**

**(B)1726**

**(C)1762**

**(D)1736**

**(E)None of these**

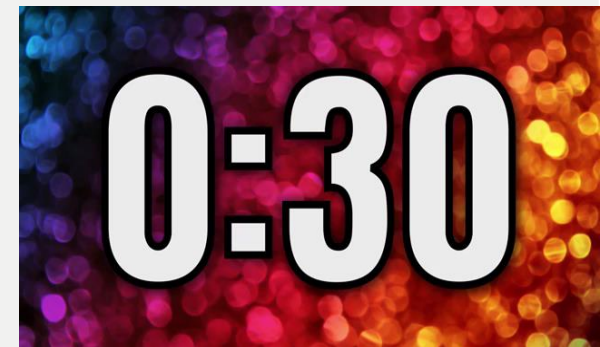




**What value should come in the place of question mark(?)in the following questions?**

$$23^3 + 14 \times 26 - 1244 - 26^2 = ?$$

- (A) 10616      (B) 10316      (C) 10611      (D) 10112      (E) None of these





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

$$12210 \div 30 + 3260 \text{ of } 25\% - 58^2 = ?$$

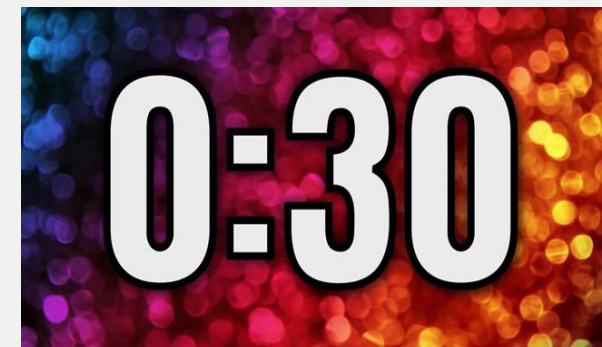
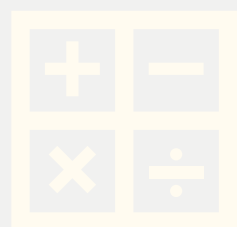
**(A) 2148**

**(B) 2146**

**(C) 2132**

**(D) 2142**

**(E) None of these**





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

$$26^2 - 324 + 1260 \div 6 + 2230 = ?$$

**(A)2768**

**(B)2784**

**(C)2792**

**(D) 2764**

**(E)None of these**







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

$$54.44 + 544.44 + 54.444 + 5.444 + 5444.4 = ?$$

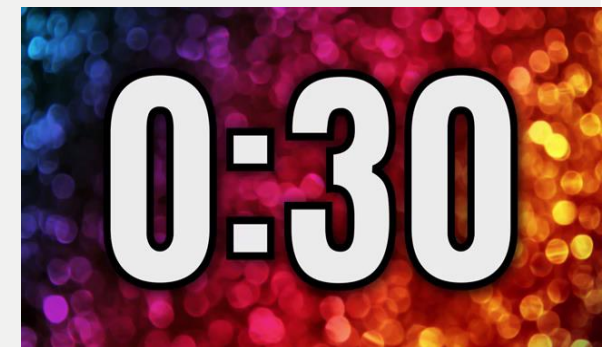
**(A)6103.138**

**(B)6103.168**

**(C)1603.238**

**(D)1603.148**

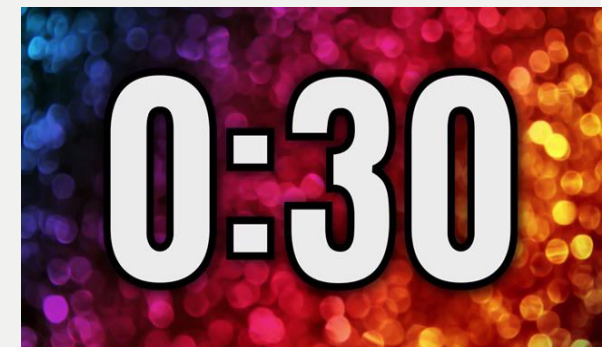
**(E)None of these**





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

$$824 \div 8 \times 12 - \sqrt{11236} + 2236 = ?$$

**(A) 3330****(B) 3340****(C) 3366****(D) 3356****(E) 3345**



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

$$5348 + 4783 + 2352 + 7532 + 6532 = ?$$

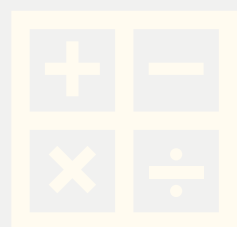
**(A)26587**

**(B)26547**

**(C)26534**

**(D)26574**

**(E)None of these**

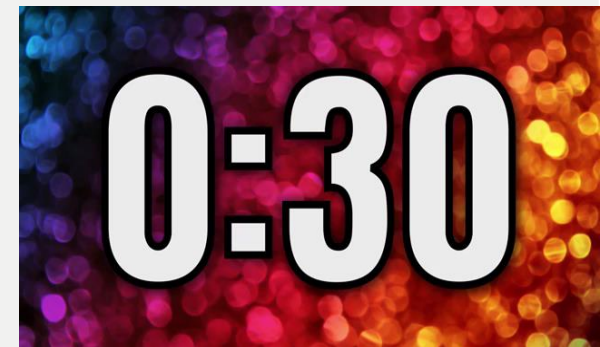




**What value should come in the place of question mark(?)in the following questions?**

$$27^2 + 22^2 - 228 \div 4 + 16 \times 18 = ?^2$$

- (A) 38      (B) 28      (C) 30      (D) 31      (E) None of these**





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

$$246 \div 6 + 212 \times 4 = ?\% \text{ of } 700$$

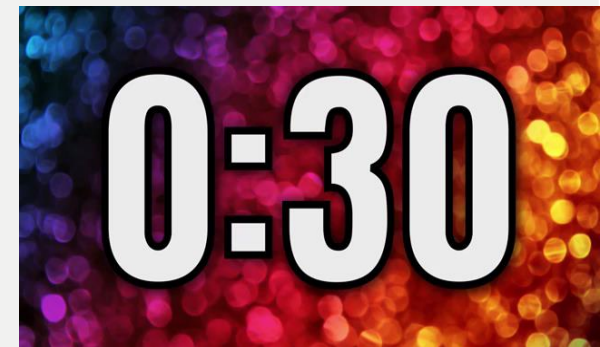
**(A) 125**

**(B) 124**

**(C) 127**

**(D) 129**

**(E)None of these**





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

$$2132 + 4325 + 8783 + 3487 + 1479 = ?$$

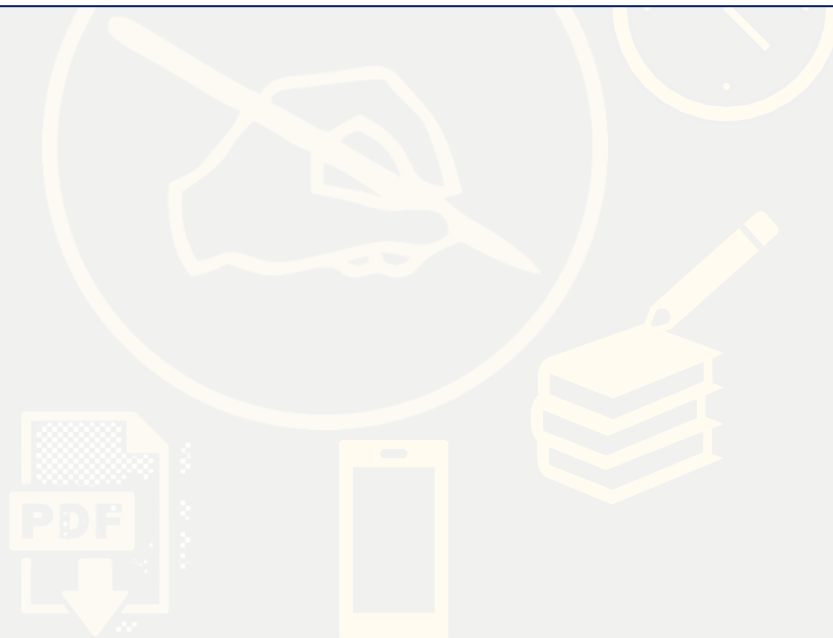
**(A)20213**

**(B)20206**

**(C)20211**

**(D)20226**

**(E)None of these**







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

$$468 \text{ of } 25\% + 268 - 138 + 14^2 = ?$$

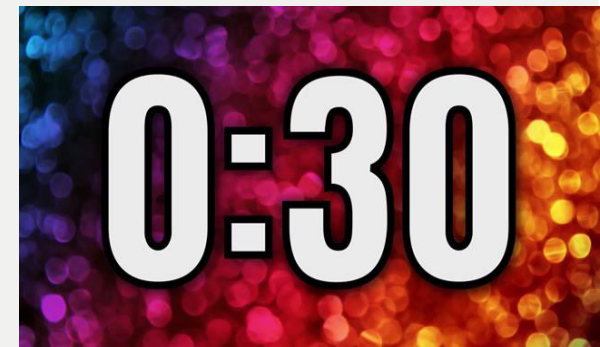
(A)448

(B)433

(C)436

(D)443

(E)None of these





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

$$46^2 + 20 \frac{1}{4} - 13 \times 16 + 628 = ?$$

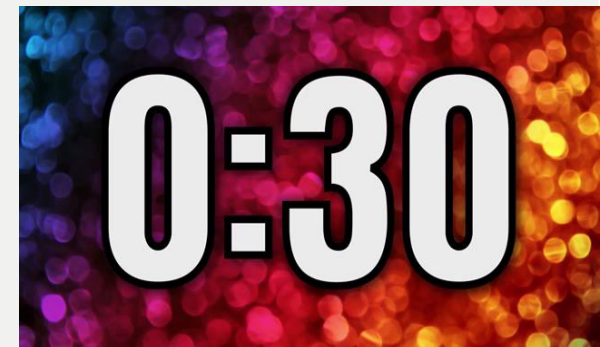
**(A) 2465**

**(B) 2556**

**(C) 2456**

**(D) 2342**

**(E) None of these**





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

$$\sqrt[3]{10648} + ? = 232 + 16^2 + 3333 \div 11 = ?$$

- (A)783      (B)764      (C) 769      (D) 789      (E)None of these**





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

$$5\frac{1}{4} + 6\frac{1}{2} + 8\frac{3}{4} - 2\frac{1}{4} + 2\frac{3}{4}$$

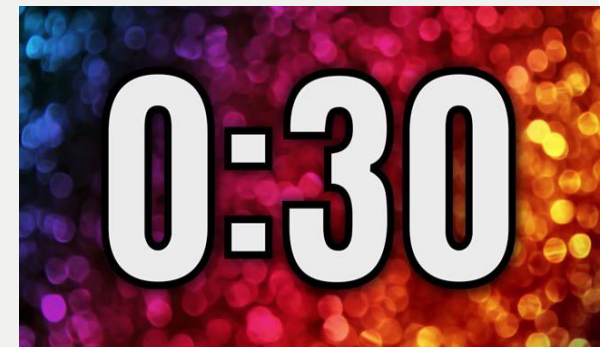
**(A)  $21\frac{1}{4}$**

**(B) 21**

**(C)  $19\frac{1}{2}$**

**(D)  $20\frac{3}{4}$**

**(E) None of these**

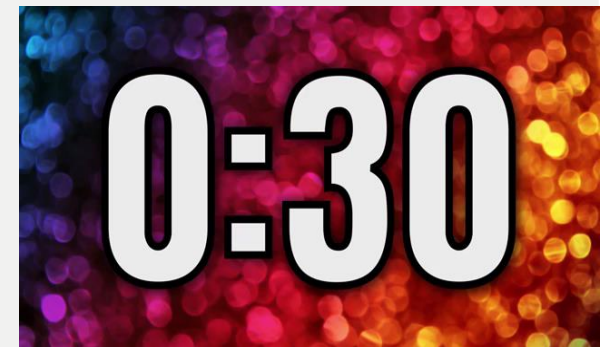




**What value should come in the place of question mark(?)in the following questions.**

$$23.422 + 62.34 + 24.67 - 46.67 + 26.48 = ?$$

- (A)90.242      (B) 91.342      (C)94.232      (D)95.342      (E)None of these

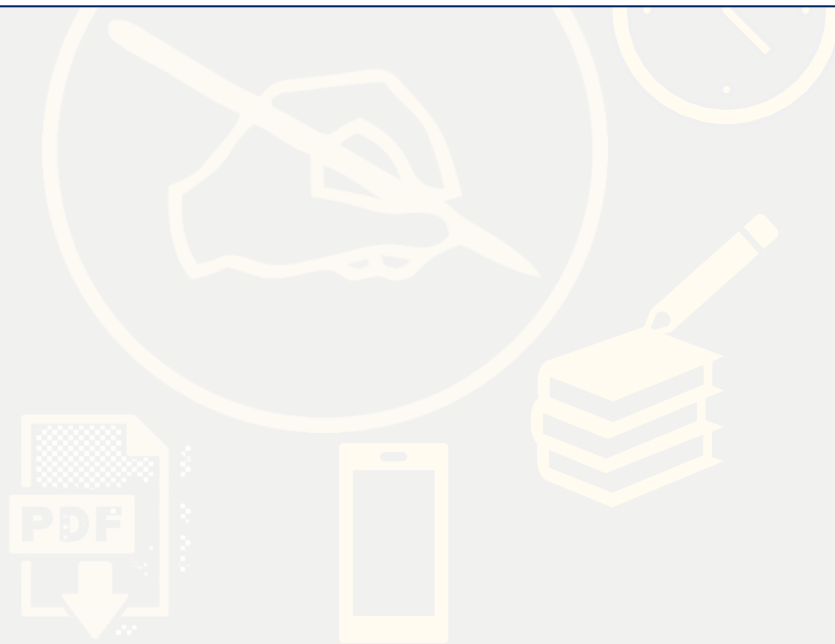




**What value should come in the place of question mark(?) in the following questions.**

$$342 \div 9 + 18 \times 24 + \sqrt{961} - 346 = ?$$

- (A) 125      (B) 145      (C) 155      (D) 255      (E) None of these



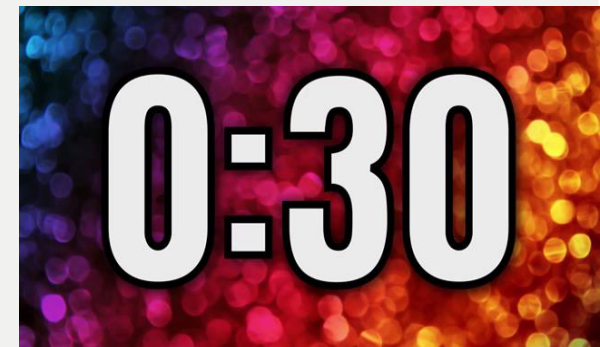




What value should come in the place of question mark(a)in the following questions.

$$16 \times 32 \div 4 \times \sqrt{256 \times 64 \div 8} = 2^a$$

- (A)12      (B)11      (C)17      (D)14      (E)None of these





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

$$34^2 + 46^2 - 26^2 + 432 - 136 = ?$$

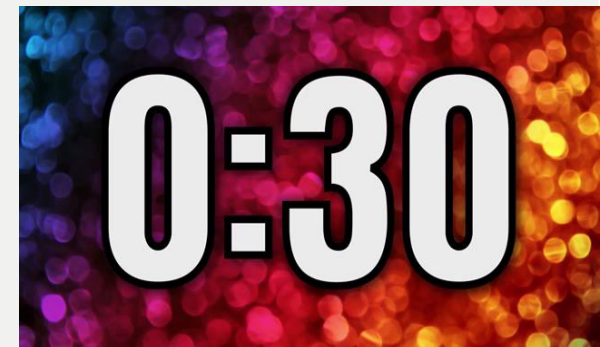
**(A)4224**

**(B)4244**

**(C)4464**

**(D)4274**

**(E)None of these**





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

$$360 \text{ of } 40\% + 240 \text{ of } 20\% + 240 - 132 = ?$$

**(A)350****(B)300****(C)200****(D)400****(E)None of these**



**THANKS**

