





Mahendra's

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Mahendra's

IBPS/SBI/RBI/NABARD

MATHS

SIMPLIFICATION *DAY 4*



LIVE

09:00 AM



Class Time :- 9:00 AM

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



Mohit.. 19 hours ago

Thank-you Sir for today's Really Amazing Class..🙏👍

And

My answers for today's Homework are-

1). Option A- 127.65...

Read more

👍 🗨️ REPLY



jagruti herambha 19 hours ago

Homework ans

1 (A) 127.65

2. (C) 387

Thank you sir 🙏👍

Read more

👍 🗨️ REPLY



Palak Shukla 17 hours ago

Homework answer—

1) 127.65, A

2) 387, C

Thankyou sir 🙏👍👍

👍 1 🗨️ REPLY



Sarita 16 hours ago

Homework answer

1) option A (127.65)

2) option C (387)

Today nice session sir ...

Read more

👍 🗨️ REPLY



akanksha 20 hours ago

Hw answer -1) 127.65 opt A and 2) 387

👍 🗨️ REPLY



Rahul Kumar Upadhyay 16 hours ago

Today home work will be

1 option no A 127.65

2.option no C. 387

...

Read more

👍 🗨️ REPLY



Dron patodia 18 hours ago

Homework question Ans.

1. 127.65

2. 387



Rekha Kumari 15 hours ago

q 1 a 127.65

q 2 c 387

👍 🗨️ REPLY



Priya 20 hours ago

Q1. 127.65

Q2. 387

👍 🗨️ REPLY

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

$$2116 + 1352 + 5679 + 222 \div 3 = ?$$

(A) 9521

(B) 9118

(C) 9130

(D) 9221

(E) None of these



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

$$24.32 + 14.52 + 18.6 + 42.21 + \sqrt{784} = ?$$

(A) 127.65

(B) 121.65

(C) 121.65

(D) 122.65

(E) None of these



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

$$75\% \text{ of } 560 + 20\% \text{ of } 240 - 243 \div 3 = ?$$

(A)384

(B)487

(C)387

(D)347

(E)None of these



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

$$324 + 72 \times 78 - \sqrt{2916} = ?$$

(A) 5486

(B) 5886

(C) 5586

(D) 5786

(E) None of these



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

$$17^3 + 34 \times 36 - 19^2 = ?$$

(A) 5475

(B) 5776

(C) 5276

(D) 5476

(E) None of these



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

$$224 + 321 - 120 \text{ of } 20\% + 56^2 = ?$$

(A) 3627

(B) 3667

(C) 3657

(D) 3257

(E) None of these



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

$$42 \times \{(2 + 3) - 11\} = ?$$

(A) 40

(B) 80

(C) -10

(D) -96

(E) None of these



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

$$\frac{24}{26} \times \frac{285}{96} \div \frac{171}{169} = ?$$

(A) 65/24

(B) 65/72

(C) 120/33

(D) 148/73

(E) None of these



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

$$326 + 689 + 364 = ? + 268 + 320$$

(A) 719

(B) 681

(C) 691

(D) 781

(E) 791



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

$$\sqrt{3364} + \sqrt{1369} + 26^2 = ?$$

(A)581

(B)771

(C)871

(D)671

(E)None of these



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

$$\sqrt{(2116 \div 4)} + 324 \div 6 = ?$$

(A) 87

(B) 77

(C) 67

(D) 97

(E) None of these



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

$$16.06 + 13.52 + 56.79 + 124 \div 4 = ?$$

(A) 116.37

(B) 117.37

(C) 113.37

(D) 113.37

(E) None of these



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

1. 27, 50, 192, 1140, 9104, ?

(A) 90400

(B) 91020

(C) 92040

(D) 94060

(E) 96080



0:30

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

2, 4, 7, 13, 23, 38, 59, ?

- (A) 72 (B) 80 (C) 87 (D) 95 (E) None of these



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

3. 2 , 12 , 36 , 80 , ? , 252 , 392

- (A)80 (B)100 (C)120 (D)150 (E)None of these



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

4. 6 , 11 , 32 , 111 , 464 , ?

(A)2345

(B)2475

(C)2525

(D)3050

(E)2640

 0:30

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

5. 2, 6, 33, 49, 174, 210, ?

(A) 275

(B) 387

(C) 464

(D) 553

(E) 495

 0:30

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

6. **13785, ?, 459, 66, 8, 1**

(A) 2558

(B) 2785

(C) 2875

(D) 2578

(E) None of these



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

7. **1226, ?, 154, 29, 2, 1**

(A)479

(B)497

(C)487

(D)478

(E)None of these



0:30

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

8. **73.5, 81.2, 91.1, 102.21, 115.34, ?**

(A)123.51

(B)132.61

(C)130.49

(D)134.51

(E)None of these



0:30

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

9. **24, 25, ?, 41, -8, 73, ?**

(A)12

(B)14

(C)26

(D)16

(E) None of these



0:30

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

10. **13, 28, 57, 114, 227, ?**

(A)476

(B)426

(C)428

(D)452

(E) None of these



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

Q.11:- $53\% \text{ of } ? = (26)^2 - 358$

(A) 500

(B) 400

(C) 600

(D) 720

(E) None of these



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

Q.12:- $6750 \div 25 \div 18 \times 2 = ?$

(A)35

(B)27

(C)38

(D)35

(E) 30



0:30

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

Q.13:- $[2\sqrt{5} + 5\sqrt{5}] \times 7\sqrt{5} = ?$

(A) 245

(B) 254

(C) 243

(D) 234

(E) None of these



0:30

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

Q.14:- $696.69 + 669.96 + 699.66 = ?$

(A) 206.613

(B) 206.631

(C) 260.613

(D) 260.631

(E) None of these



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

Q.15:- 25% of 1245 + $?\%$ of 725 = 420

- (A)15 (B)18 (C)22 (D)20 (E)11



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

Q.16:- 30% of 4450 + 60% of 350 = ?

(A)1535

(B)1540

(C)1530

(D)1525

(E)1545

0:30

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

Q.17:- $81 + 40 \times 1.50 - 18 = ?$

- (A)123 (B)132 (C)141 (D)114 (E)159



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

Q.18:- $\sqrt{5929} + \sqrt{8464} = (?)^2$

- (A)23 (B)21 (C)11 (D)13 (E) None of these



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

Q.19:- $58^2 - 8^2 = 400 + ?$

(A) 2900

(B) 3000

(C) 3300

(D) 3600

(E) None of these



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

Q.20:- $\sqrt{1296} \div 4 \times 12 = ?$

- (A)108 (B)96 (C)36 (D)84 (E) None of these



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

21. $?^2 = 9^2 + 13^2 - 106$

(A) 12

(B) 6

(C) 10

(D) 7

(E) 9

0:30

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

22. $(64 \times 16 \div 256) \times 4 = 4^a$

- (A)1 (B)2 (C)5 (D)4 (E)None of these



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

23. $4512 + (5.4)^2 - ? = \sqrt{1369}$

(A) 4504.12

(B) 4500.16

(C) 4500.12

(D) 4504.16

(E) None of these



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

24. $\frac{3}{7} \times 1008 \div 12 + 19 = ?$

- (A) 45 (B) 55 (C) 56 (D) 53 (E) None of these



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

25. ${}^3\sqrt{658503} = ?$

- (A)87 (B)67 (C)77 (D)97 (E)None of these



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

26. $48.5\% \text{ of } 7842 + ? \% \text{ of } 7907 = 4515$

(A) 11

(B) 9

(C) 7

(D) 8

(E) None of these



0:30

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

27. $187.5\% \text{ of } 41472 = 225\% \text{ of ?}$

(A) 34650

(B) 34580

(C) 32540

(D) 34560

(E) None of these



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

28. $(5+3\div 5 \times 5) \div (3\div 3 \text{ of } 6) \text{ of } (4\times 4\div 4 \text{ of } 4+4\div 4\times 4)$

- (A) 9 (B) $9 \frac{2}{5}$ (C) $9 \frac{3}{5}$ (D) $7 \frac{2}{5}$ (E) None of these



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

29. $\sqrt{2704} \div (7332 \div 564) = (?)^3 + 1732$

- (A) 10 (B) 12 (C) -12 (D) -10 (E) None of these



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

30. $\frac{112}{\sqrt{196}} \times \frac{\sqrt{576}}{12} \times \frac{\sqrt{256}}{8} =$

- (A) 16 (B) 32 (C) 12 (D) 8 (E) None of these



Direction (31 to 35):- 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.31 :- I. $35x^2 - 3x - 2 = 0$

II. $49y^2 + 7y - 6 = 0$

Q.32 :- I. $x^2 - 12x + 35 = 0$

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

Q.33 :- I. $5x^2 + 19x + 12 = 0$

II. $32y^2 - 28y + 3 = 0$

Q.34 :- I. $3x^2 - x - 70 = 0$

II. $5y^2 - 31y + 48 = 0$

Q.35 :- I. $x^2 = 1764$

II. $y = \sqrt{1764}$



THANKS

