



Bellashuv.uz – Barcha fanlardan testlar banki

Matematika

5-sinf ixtisoslashgan maktablar uchun test savollari

I-variant

- Hisoblang: $275 \cdot 41 + 275 \cdot 31 + 275 \cdot 28$
A) 27500 B) 15700 C) 12500 D) 17500
- Tenglamani yeching. $((X:3+5) \cdot 4 - 29) : 5 = 3$
A) 15 B) 18 C) 2 D) 16
- Ketma-ket kelgan 4 ta juft sonning yig'indisi 3692 ga teng. Shu sonlarni toping.
A) 486; 488; 450; 458 B) 920; 922; 924; 926 C) 328; 330; 332; 334
D) 452; 454; 456; 458
- Son qanday raqam bilan tugaydi? $2786^{2009} - 2345^{2007}$
A) 11 B) 1 C) 15 D) 14
- 1dan 100 gacha bo'lgan natural sonlar ko'paytmasi nechta nol bilan tugaydi?
A) 10 B) 11 C) 12 D) 24
- Ifodani soddalashtiring: $y - 89 - 248$
A) $y - 159$ B) $y - 337$ C) $y + 159$ D) $y - 237$
- Hisoblang: $38:9 - 7:9 + 5:9$
A) 4 B) 5 C) $\frac{36}{27}$ D) $\frac{35}{27}$
- Qirrasini 2 sm bo'lgan uchta bir xil kubdan to'g'ri burchakli parallelepiped yasaldi. Parallelepipedning qirralari yig'indisini toping.
A) 72 sm B) 64 sm C) 48 sm D) 40 sm
- Tomonlari 7 m va 28 m bo'lgan to'g'ri to'rtburchakning yuzi qandaydir kvadratning yuziga teng. Kvadratning tomonini toping.
A) 12 m B) 14 m C) 16 m D) 20 m
- Agar kamayuvchini 24 taga, ayriluvchini 36 taga kamaytirilsa, ayirma qanday o'zgaradi?
A) 56 taga kamayadi B) 24 taga ortadi C) 12 taga ortadi D) 12 taga kamayadi
- Poyezdda 936 ta yo'lovchi bor edi. Agar erkaklar bolalardan 7 marta, ayollar esa 5 marta ko'p bo'lsa, poyezdda qancha ayol bo'lgan?
A) 320 B) 350 C) 360 D) 400
- Maxsulotning narxi 20% ga kamaygandan keyin 4000 so'm bo'ldi. Maxsulotning dastlabki narxini toping.
A) 4800 so'm B) 3200 so'm C) 4400 so'm D) 5000 so'm
- Harfli ifodaning qiymatini toping. $(30y - 25) - (20y + 10)$, bunda $y = 4$ ga teng.
A) 235 B) 165 C) 25 D) 5
- Amallarni bajaring. $6\frac{1}{19} - 3\frac{5}{19}$
A) $2\frac{15}{19}$ B) $3\frac{4}{19}$ C) $3\frac{6}{19}$ D) $9\frac{6}{19}$
- n, m, k, l natural sonlar. Agar: $n \cdot m = 21$, $m \cdot k = 35$, $k \cdot l = 40$ bo'lsa, $m + n + k + l$ yig'indisini toping?
A) 32 B) 13 C) 23 D) 31
- Ifodaning qiymatini toping. $(4 \cdot 6^2 : 2^3 + 16) \cdot 5$
A) 170 B) 180 C) 710 D) 810
- Tenglamani ildizini toping. $n \cdot n \cdot n = 81$
A) 3 B) 9 C) 11 D) 19
- Magazinga har birida 25 tadan daftar bo'lgan bir nechta bog'lam va yana 15ta daftar keltirildi. Hammasi bo'lib 340ta daftar keltirilgan. Magazinga hammasi bo'lib necha bog'lam daftar keltirilgan?
A) 12 B) 13 C) 10 D) 23
- To'g'ri burchakli parallelepipedda $V = 1170 \text{ dm}^3$, $H = 78 \text{ dm}$ bo'lsa, uning asosiy yuzini toping.
A) 18 dm B) 15 dm C) 15 dm^2 D) 18 dm^2



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20. Tenglamani yeching. $y + 2\frac{6}{7} = 5\frac{3}{7}$

A) $3\frac{3}{7}$

B) $2\frac{4}{7}$

C) $7\frac{3}{7}$

D) $3\frac{9}{7}$

21. Uchta sonning o`rta arifmetigi 3,5ga teng. Ikkinchi son birinchi son dan 2,5marta katta, uchinchi son ikkinchisidan 0,6 ga katta. Bu sonlarni toping.

22. Ifodani soddalashtiring $2,4x - 1,6x + 3,2x - x$ va $x=46$ da uning qiymatini toping.

23. To`g`ri to`rtburchakning yuzi  $247 \text{ sm}^2$ , eni 13 sm. To`g`ri to`rtburchakning perimetrini toping.

24. Quyidagi $c = (12 - m) : 8$ formuladan m ni toping.

25. Ikki velosipedchi bir biriga qarab harakatlanishmoqda. Ulardan birining tezligi 13 km/soat, ikkinchisining tezligi 14 km/soat. Hozir ular orasidagi masofa 10 km bo`lsa, 0,3 soatdan keyin ular orasidagi masofa qancha bo`ladi?

26. Tomorqa butun yerning $\frac{3}{8}$ qismini tashkil qiladi. Agar tomorqa 7,2 ga bo`lsa, butun maydon necha gektar?

27. Tenglamani yeching: $18,63 : (4,3 + m) = 0,23$

28. Qayiqning turg`un suvdagi tezligi 10,3 km/soat, oqimning tezligi undan 8,6 km/soat kam. Qayiqning oqim bo`yicha va oqimga qarshi tezligini toping.

29. Uchburchakning bir tomoni 13,5sm, ikkinchi tomoni birinchisidan 4,2sm qisqa, uchinchi tomoni esa avvalgi ikki tomonning o`rta arifmetigiga teng. Shu uchburchakning perimetrini toping.

30. Tenglamani yeching. $8,2x - 4,4x = 38,38$



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II-variant

- To'g'ri burchakli parallelepipedda $V=1170 \text{ dm}^3$, $H=78 \text{ dm}$ bo'lsa, uning asosini yuzini toping.
A) 18 dm B) 15 dm C) 15 dm^2 D) 18 dm^2
- Tenglamani yeching. $y+2\frac{6}{7}=5\frac{3}{7}$
A) $3\frac{3}{7}$ B) $2\frac{4}{7}$ C) $7\frac{3}{7}$ D) $3\frac{9}{7}$
- $76^\circ 12' 39''$ ni sekundlarda ifodalang.
A) $127''$ B) $1170''$ C) $274359''$ D) $1130''$
- Hisoblang. $2007 \cdot 2008 - 2006 \cdot 2009$
A) 4 B) 2007 C) 2006 D) 2
- Kub sirtining yuzi 294 sm^2 bo'lsa, uning hajmini toping.
A) 343 sm^3 B) 49 sm^3 C) 84 sm D) 343 sm^2
- 200 so'mlik va 500 so'mlik pullar soni 25 ta bo'lib, jami 6500 so'm. Necha 500 so'mlik pul bor?
A) 15 B) 10 C) 5 D) 12
- To'g'ri to'rtburchakning kengligi 7 sm bo'lib, uzunligi kengligidan 3 sm ortiq bo'lsa, to'g'ri to'rtburchakning perimetrini toping.
A) 22 sm B) 20 sm C) 34 sm D) 24 sm
- O'tkirbek 300 betlik matnning beshdan to'rt qismini kompyuterda terdi. U matnning necha betini kompyuterda terdi?
A) 240 B) 244 C) 124 D) 194
- 60%i 48 ga teng bo'lgan sondan choragi 15 bo'lgan sonni ayiring.
A) 28,20 B) 20 C) 25 D) 52
- Amallarni bajaring. $6\frac{1}{19} - 3\frac{5}{19}$
A) $2\frac{15}{19}$ B) $3\frac{4}{19}$ C) $3\frac{6}{19}$ D) $9\frac{6}{19}$
- Kubning asosining yuzi 144 dm^2 teng. Kubning qirralari yig'indisini toping.
A) $14,4 \text{ dm}$ B) 144 dm C) 15 dm D) $28,8 \text{ dm}$
- $a=42$ va $b=302$ bo'lsa, $9072 \cdot a + 203 \cdot b - 522$ ifodaning son qiymatini toping.
A) 214 B) 61000 C) 301 D) 231
- Ifodani soddalashtiring. $2431 - (x + 247)$
A) $3001 - x$ B) $2418 - x$ C) $2184 - x$ D) $2248 - x$
- Sonning oxirgi raqamini toping: 7^{123}
A) 9 B) 7 C) 5 D) 3
- Dadasi, onasi va o'g'lining birgalikdagi yoshi 71 ga teng. Onasi bilan o'g'liniki 37 yosh. Dadasi va o'g'liniki 42 yosh bo'lsa, har biri necha yoshda?
A) 31; 30; 10 B) 34; 30; 7 C) 30; 29; 12 D) 34; 29; 8
- Yozuvlardan qaysi biri o'ttiz uch ming oltmish besh sonini ifodalaydi?
A) 3398 B) 33065 C) 3365 D) 303065
- Birinchi kuni 18,37 gektar maydondagi beda o'rildi, bu esa ikkinchi kundagidan 5,7 gektar ortiq, uchinchi kundagidan 2,21 gektar ortiq. Uch kun davomida qancha maydondan beda o'rilgan?
A) 63,02 ga B) 47,2 ga C) 52 ga D) 65 ga
- Hisoblang: $16,34 : 4,3 + 22,36 : 4,3$
A) 9 B) 90 C) 0,9 D) 10
- Hisoblang: $275 \cdot 41 + 275 \cdot 31 + 275 \cdot 28$
A) 27500 B) 15700 C) 12500 D) 17500



Bellashuv.uz – Barcha fanlardan testlar banki

20. Tenglamani yeching. $((X:3+5) \cdot 4 - 29):5=3$
A)15 B)18 C)2 D)16
21. Ishchining maoshi 600000 so'm. Agar uning maoshi 15% ga oshsa, so'ng yana 10% ga oshsa, u qancha maosh oladi?
22. Hisoblang: $6 - 3$, 29
23. a; 2,6; 3 va 5,3 sonlarining o'rta arifmetigi 3,3 ga teng. a ni toping.
24. 35 sm^3 26 mm^3 necha sm^3
25. Qayiqning turg'un suvdagi tezligi 10,3 km/soat, oqimning tezligi undan 8,6 km/soat kam. Qayiqning oqim bo'yicha va oqimga qarshi tezligini toping.
26. Uchburchakning bir tomoni 13,5sm, ikkinchi tomoni birinchisidan 4,2sm qisqa, uchinchi tomoni esa avvalgi ikki tomonning o'rta arifmetigiga teng. Shu uchburchakning perimetrini toping.
27. Tenglamani yeching: $8,2x - 4,4x = 38,38$
28. Uchta sonning o'rta arifmetigi 3,5ga teng. Ikkinchi son birinchi sonidan 2,5marta katta, uchinchi son ikkinchisidan 0,6 ga katta. Bu sonlarni toping.
29. Ifodani soddalashtiring $2,4x - 1,6x + 3,2x - x$ va $x=46$ da uning qiymatini toping.
30. To'g'ri to'rtburchakning yuzi 247 sm^2 , eni 13 sm. To'g'ri to'rtburchakning perimetrini toping.

Matematika

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III-variant

- Hisoblang: $36 \cdot 68 + 250 \cdot 68 + 68 \cdot 390$
A) 608 B) 680 C) 60800 D) 45968
- Tenglamani yeching: $(2132 - x \cdot x) : 16 = 121$
A) 14 B) 13 C) 12 D) 15
- Ko'paytuvchilardan birining verguli bir xona o'ngga, ikkinchisining verguli uch xona chapga surildi. Bunda ko'paytma qanday o'zgaradi?
A) 1000 marta kamayadi B) 100 marta kamayadi C) 100 marta ortadi D) 10 marta kamayadi
- 2 birlik, 3 o'nlik, 7 ta yuzdanbirlar, 5ta o'ndanbirlar, 6ta mingdan birlardan iborat sonni yozing.
A) 32,756 B) 32,576 C) 23,756 D) 23,576
- $1 \cdot 2 \cdot \dots \cdot 49 \cdot 50$ ko'paytma nechta nol raqami bilan tugaydi?
A) 15 B) 16 C) 12 D) 14
- Uchta shkafda 428 ta kitob bor. Birinchi shkafda ikkinchisiga qaraganda 16ta kam, uchunchisiga qaraganda 20ta ortiq kitob bor. Har bir shkafda nechtdan kitob bor.
A) 144; 124; 160 B) 124; 142; 154 C) 150; 125; 153 D) 160; 120; 148
- 10 ta soning o'rta arifmetigi 20,84 ga teng. Shu sonlar yig'indisining 0,25 qismini toping.
A) 52,1 B) 52 C) 51 D) 51,1
- Agar $8 \leq k < 11$ va $13 < n \leq 16$ bo'lsa, $\frac{k}{n}$ ko'rinishdagi barcha kasrlar nechta, k va n natural sonlar?
A) 8 B) 9 C) 6 D) 5
- To'g'ri burchakli parallelepipedning balandligi 36 sm bo'lib, u bo'yi va eni ayirmasiga teng. Bu to'g'ri burchakli parallelepipedning bo'yi enidan 4 marta ortiq bo'lsa, sirti yuzini toping.
A) 9 B) 5472 C) 5742 D) 5479
- Tenglamani yeching: $1840 : x = 102$ (Qoldiq 4)
A) 15 B) 16 C) 17 D) 18
- Hisoblang: $6 \cdot 10^5 + 1 \cdot 10^3 + 9 \cdot 10^2 + 5$
A) 102105 B) 610258 C) 601905 D) 142135
- Ifodani soddalashtiring: $34 - (12 + x)$
A) $46 - x$ B) $22 - x$ C) $46 + x$ D) $x - 22$
- Tenglamani yeching:
 $\frac{8}{27} - (x + \frac{5}{27}) = \frac{2}{27}$
A) $\frac{1}{27}$ B) $\frac{5}{27}$ C) $\frac{11}{27}$ D) $\frac{15}{27}$
- To'rtta bir xil kvadratdan bitta katta kvadrat yasaldi. Agar kichik kvadratning perimetri 32 sm bo'lsa, katta kvadratning perimetrini toping.
A) 128 sm B) 64 sm C) 84 sm D) 96 sm
- Taqqoslang: $12,5781$ va $11 \frac{17}{18} + \frac{1}{18}$
A) $12,5781 = 11 \frac{17}{18} + \frac{1}{18}$ B) $12,5781 < 11 \frac{17}{18} + \frac{1}{18}$
C) $12,5781 > 11 \frac{17}{18} + \frac{1}{18}$ D) taqqoslab bo'lmaydi
- Garajda 35 ta yengil avtomobil bor. Bu garajdagi barcha avtomobillarning $\frac{5}{7}$ qismini tashkil qiladi. Garajda nechta avtomobil bor?
A) 25 B) 35 C) 63 D) 49
- Amallarni bajaring: $1,5 : 6 \cdot 8 : 5 + 5,3 - 3,8$
A) 5,5 B) 1,9 C) 9,5 D) 2,3



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18. Bir son ikkinchisidan 40 taga ortiq. Ularning yig'indisi 240 ga teng bo'lsa, bu sonlarni toping.

A)120;120 B) 200; 40 C) 100; 140 D)160; 80

19. Hisoblang. $2007 \cdot 2008 - 2006 \cdot 2009$

B) 4

B) 2007

C) 2006

D) 2

20. Kub sirtining yuzi 294 sm^2 bo'lsa, uning hajmini toping.

A) 343 sm^3

B) 49 sm^3

C) 84 sm

D) 343 sm^2

21. Tenglamani yeching: $\frac{625}{x} = 25$

22. Akvariumning uzunligi 50 sm, kengligi 30sm ga teng. Unga 36 litr suv quyilganda, uning 75 % I to'ldi. Akvariumning chuqurligini toping.

23. Paraxodning turg'un suvdagi tezligi 22 km/soat. Daryo oqimining tezligi esa $2\frac{2}{3}$ km/soat, paraxodning oqimga qarshi tezligini toping.

24. Hisoblang. $24\frac{1}{15} - 12\frac{4}{15} - 2\frac{3}{15}$

25. Tenglamani yeching: $y + 4\frac{8}{11} = 10\frac{7}{11}$

26. 14,12; 14,747; 14,96 va 14,58 sonlarining o'rta arifmetigini toping va uni o'ndan birgacha yaxlitlang.

27. To'g'ri to'rtburchakning eni 14 sm bo'lib, u bo'yining $\frac{2}{5}$ qismini tashkil qiladi. To'g'ri to'rtburchakning yuzini toping.

28. Ishchining maoshi 600000 so'm. Agar uning maoshi 15% ga oshsa, so'ng yana 10% ga oshsa, u qancha maosh oladi?

29. Hisoblang: $6 - 3, 29$

30. a; 2,6; 3 va 5,3 sonlarining o'rta arifmetigi 3,3 ga teng. a ni toping.