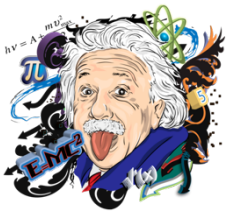


OCHIQ MATEMATIKA OLIMPIADASI

Mezon Inspiring School

5 sinf

29 mart 2025

1. Noma'lum sonning 15 foizi 120 sonining 40 foizga teng. Noma'lum sonni toping

   Yechim:

   Javob: _____

2. xyz ning qiymatini toping, bunda xy=5, xz=7, yz=35

   Yechim:

   Javob: _____

3. Quyidagi ifodaning qiymatini toping: $\dfrac{1}{\frac{1}{2}+\frac{1}{2}}$ / $\dfrac{\frac{1}{2}+\frac{1}{2}+\frac{1}{2}}{\frac{1}{2}+\frac{1}{2}+\frac{1}{2}+\frac{1}{2}}$

   Yechim:

   Javob: _____

4. Uzunligi 666 metr bo‘lgan to‘siq o‘rnatish uchun har olti metrda ustun o'rnatish kerak bo‘ladi. Jami nechta ustun o'rnatish kerak?

Yechim:

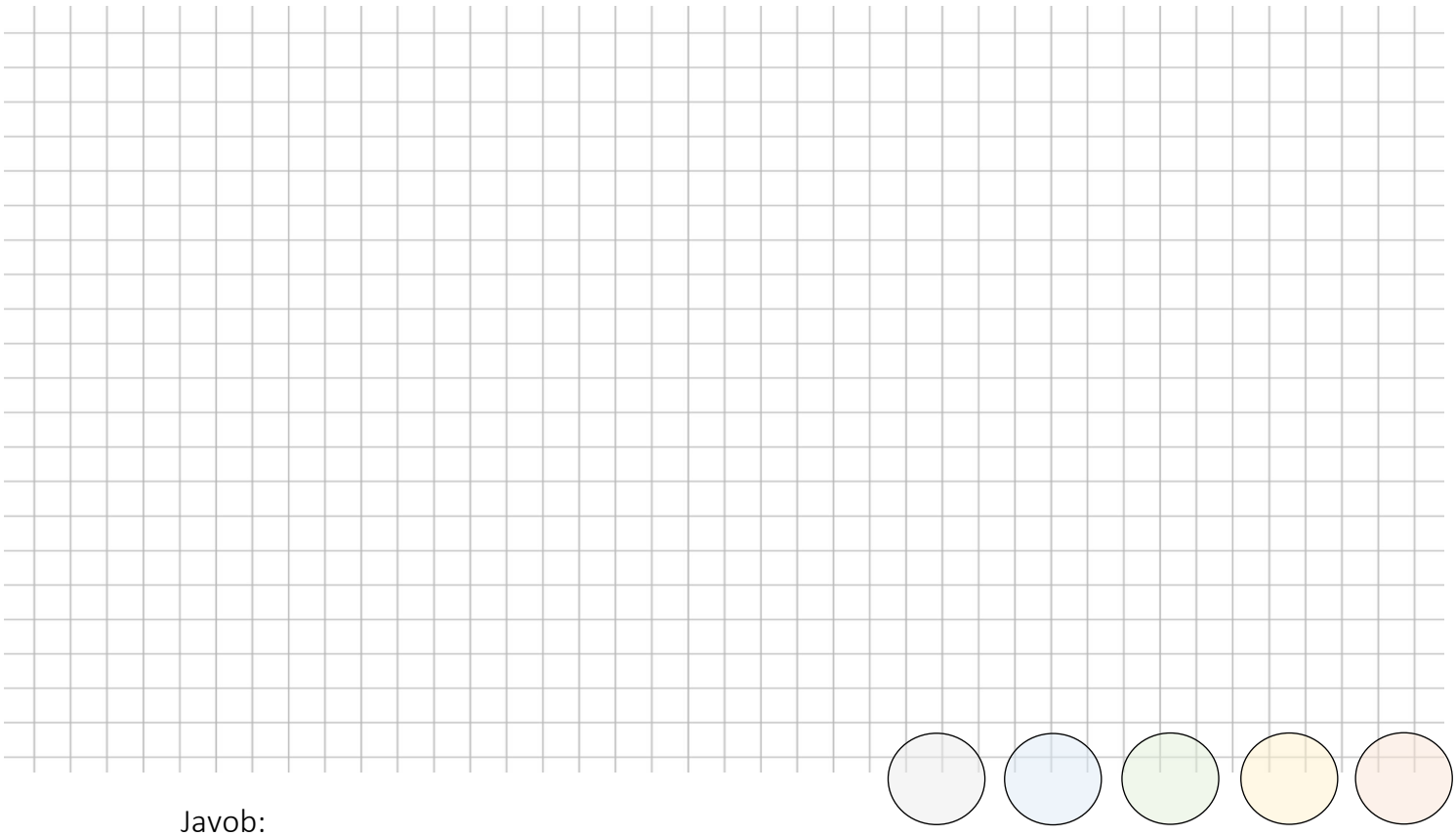
Javob:_____

5. Bir g'ovak qurti 20 metr balandlikdagi devor bo'ylab harakatlanadi. U kun davomida 6 metr yuqoriga ko'tariladi, kechasi esa 4 metr pastga tushadi. G'ovak qurti qachon devorning yuqori qismiga yetib boradi?

Yechim:

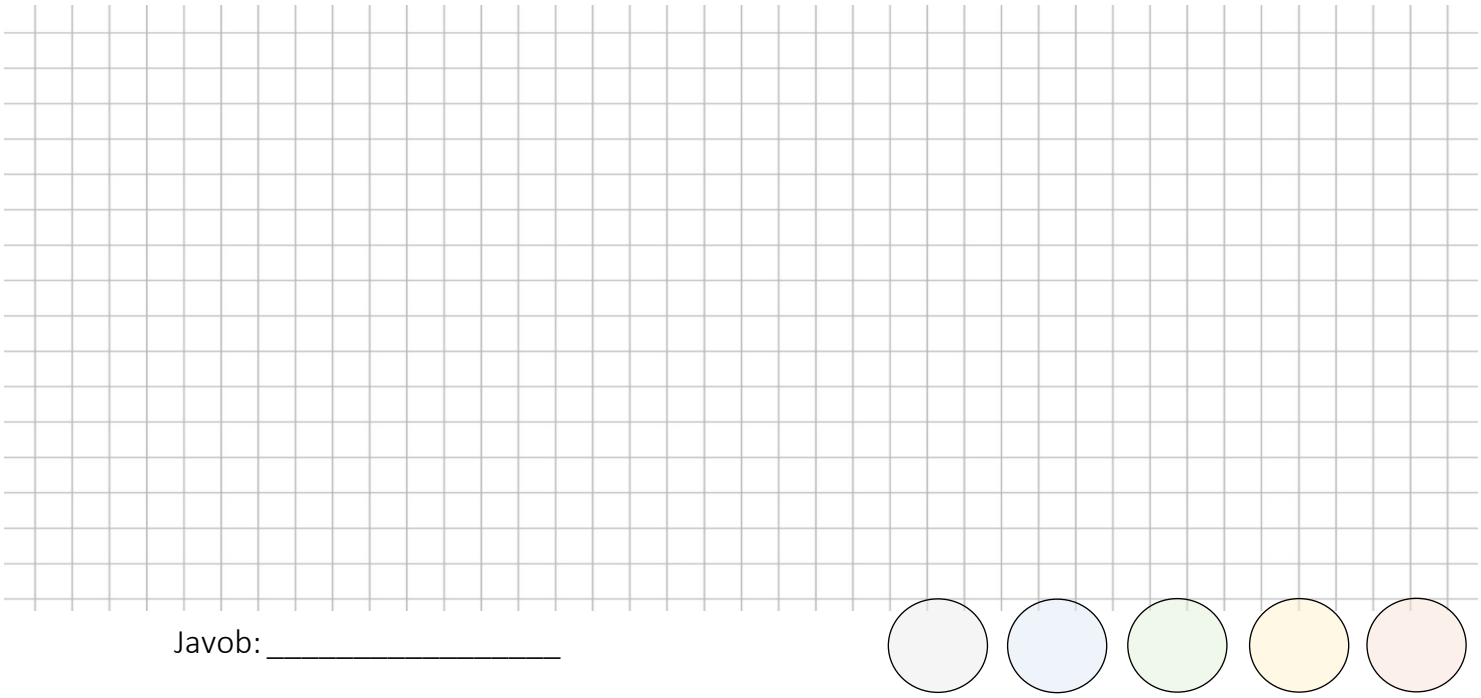
Javob:_____

6. 876543210 raqamlari ketma-ket yozilgan (bo'sh joy va belgilar yo'q). Ularning orasiga ikkita ayirish (-) belgisini shunday joylashtiringki, olingan ifodaning qiymati eng kichik bo'lsin. Masalan, agar ayirish belgisini quyidagicha joylashtirsak: 8765-432-10, natija 8323 bo'ladi. Eng kichik qiymatni beradigan elementlarni joylashtirish yo‘lini ko‘rsating.
   Yechim:



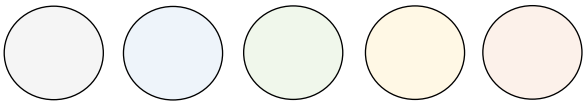
Javob: _____

7. Qutida 8 ta shar bor: 3 ta qizil, 3 ta ko'k va 2 ta yashil. Maxmud ko'zlarini yumib, tasodifan sharlarni tortib oladi. Ular orasida kamida ikkita shar bir xil rangda bo'lishi ehtimoli nechta shar tortib olganda bo‘ladi?
   Yechim:



Javob: _____

8. To ‘g‘ri burchakli to‘rtburchakning bo‘yi enidan 5 sm ga uzun. Uning bo‘yini ikki matra qisqartirib, enini 2 sm ga uzaytirganimizda kvadrat hosil bo‘ladi. To‘g‘ri burchakli to‘rtburchakning dastlabki o'lchamlarini toping.

Yechim:

Javob: _____