



8 sinf Algebra dan 1 – BSB savollari

Demo variant

1. Kichigi n ga teng bo'lgan uchta ketma-ket kelgan natural sonlar yig'indisini algebraik ifodasini toping va $n = 15$ bo'lgan hol uchun hisoblang. **(3 ball)**
2. Algebraik kasrlarni qisqartiring: **(6 ball)**
1) $\frac{2bc}{8dc}$; 2) $\frac{18a^2c}{45ac^2}$; 3) $\frac{8-3c}{9c^2-64}$.
3. Algebraik kasrlarni umumiy maxrajga keltiring. **(5 ball)**
1) $\frac{1}{3x}$ va $\frac{1}{3y}$; 2) $\frac{5x}{2x-2}$ va $\frac{3}{4x-4}$
4. Har bir yuk mashinasiga a tonnadan kartoshka yuklash mumkin bo'lsa, har birida p kg dan kartoshka bo'lgan n qop kartoshkani tashib ketish uchun kerak bo'ladigan yuk mashinalar sonini (x) ni aniqlovchi algebraik ifoda tuzing. x ni $n = 90$, $p = 50$, $a = 1,5$ bo'lgan hol uchun toping. **(6 ball)**
5. Algebraik kasrlarni ayiring. **(5 ball)**

$$\frac{2p}{p^2-25} - \frac{1}{5+p}$$