Tema: Oʻgʻil bolalar koʻylagining konstruktsiya asosini chizish

Reja:

- 1. Oʻgʻil bolalar koʻylagining konstruktsiya asosini chizish uchun kerakli oʻlchovlar.
- 2. Chizma toʻrini qurish.
- 3. Ort bo'lakni chizish
- 4. Old boʻlakni chizish
- 5. Yoqa konstruktsiyasini chizish
- 6. Yeng konstruksiyasini chizish
- 7. Yeng uchun manjetni chizish











Oʻgʻil bolalar koʻylagining chizma asosini chizish uchun quyidagi oʻlchovlar zarur:

№	O'lchovlar	O'lchov nomlari	Standart
	belgisi		o'lchov
1	Uk	Koʻylak uzunligi	65
2	Kyel	Yelka kengligi	11
3	Cbo'y	Bo'yin yarim aylanasi	16,5
4	Ck	Ko'krak yarim aylanasi	36
5	Uyeng	Yeng uzunligi	50

Barcha o'lchamlar uchun (32 -38) ko'krak chizig'i bo'yicha bemalol turish qo'shimi Pk=9 sm.

Chizmada 128-32 o'lchamli, 8 yoshli bola uchun o'lchovlar qo'llaniladi.

Baza to'rini chizish

1. Ko'ylak uzunligi

AN=Uk=65 sm

2. Ko'ylak kengligi

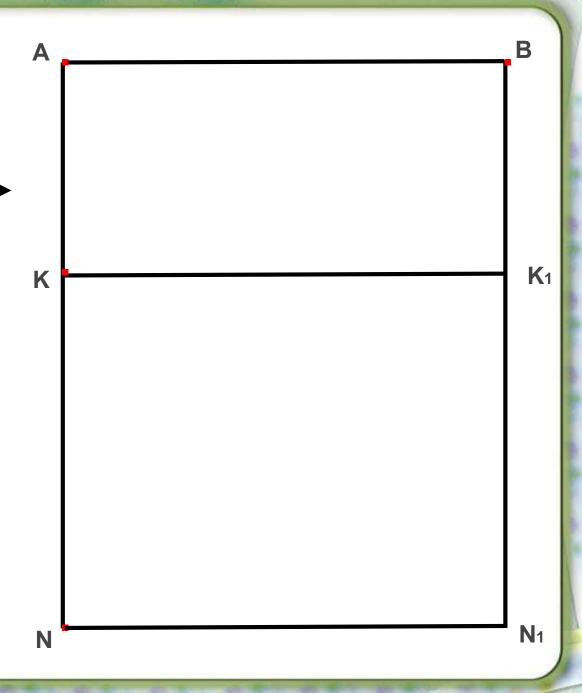
AB=Ck+Pk=36+9=4 5 sm.

3. O'miz chuqurligi

AK = 1/3 Ck + 6 =

36:3+6=18 cm

4. AB=KK1=HH1



horse hide mean ma

Baza to'rini chizish

5. Ort kenglik

$$KK_2 = 1/3 Ck + 5 = 36$$
:

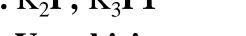
$$3 + 5 = 17$$
 sm.

6. Yeng o'mizi kengligi

$$K_2K_3 = 1/4 Ck + 2 = 36$$
: K

$$4 + 2 = 11$$
 sm.

7. K₂P; K₃P1

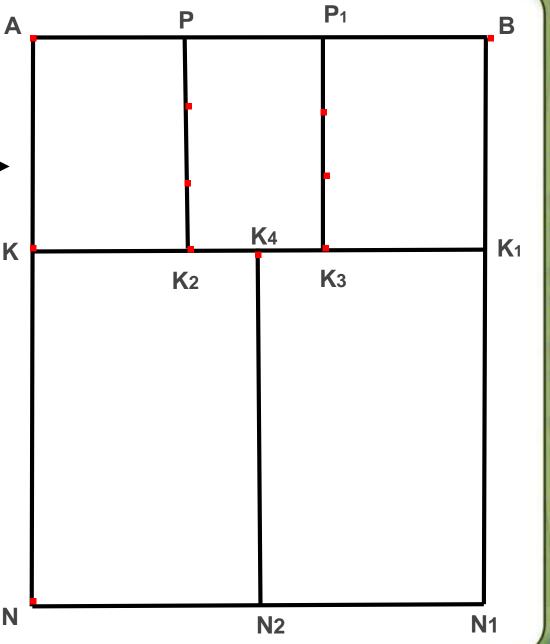


8. Yon chiziq

$$K_4 N_2 = K_2 K_3$$
: 2

9. Nazorat nuqtalari.

P-K₂ va P1-K₁ teng 3 qismga boʻlinadi.



Ort bo'lakni chizish

10. Bo'yin kengligi

$$AA_1 = 1/3 \text{ Cbo'y} + 0.5 \text{ sm}$$

= $(16.5 : 3) + 0.5 = 6.0$
sm.

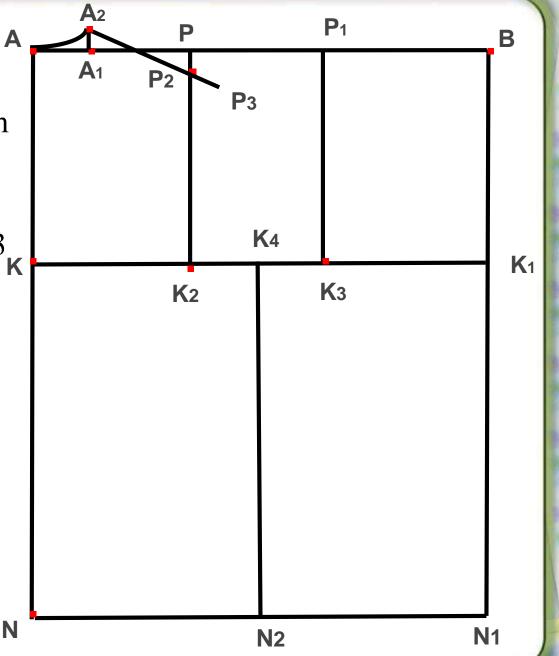
11.
$$A_1A_2 = AA_1$$
: $3 = 6$: $3_{K} = 2 \text{ cm}$

12. Orqa yelkasi chizigʻi

$$PP_2 = 1,5-2 \text{ sm}$$

13.
$$A_2P_3 = \text{Kyel} + 1.5 \text{ sm}$$

= 11 + 1.5 = 12.5 sm.



hereo hida mean m

Ort bo'lakni chizish

14. Orqa yeng o'mizi chizig'i.

(burchak K2:2 bissektrisa)

13. Nazorat nuqtasi

PK2:3

14. Yeng o'miz chizig'i

P31K4

15. Yon chiziq

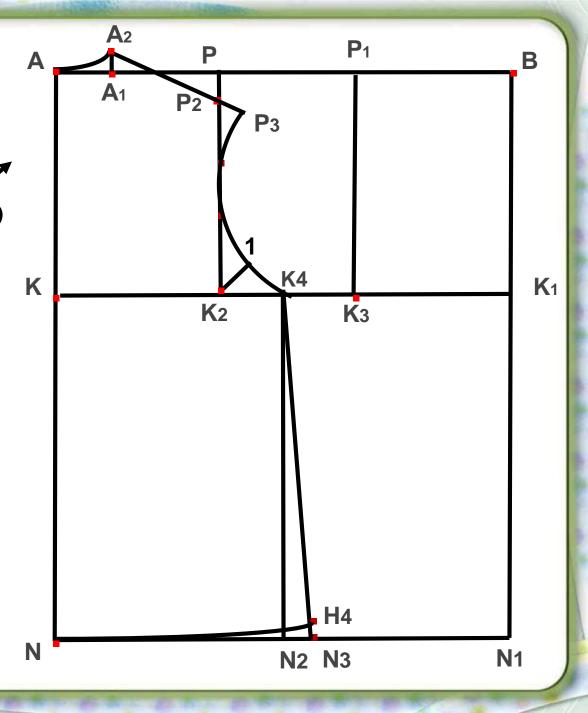
N2N3 = 1-3 sm

K4N3 – yon chiziq

16. Etak chizig'i

N3N4 = 0,5-1 sm

NN4 – etak chizig'i



Ort bo'lakni chizish

18. Кокетка chizig'i

$$AA3 = 5 \text{ sm}$$

19. (.)
$$P4 = 1 \text{ sm}$$

(yeng o'mizi

chizig'i

bilan kesishgan

nuqta)

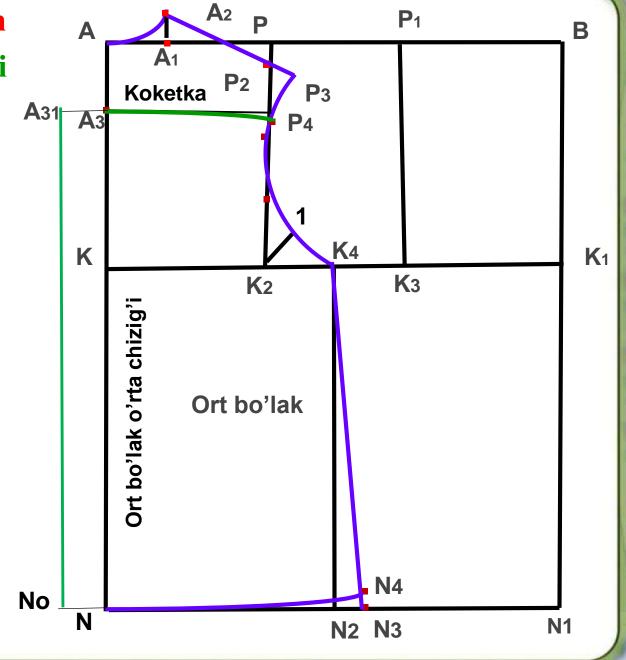
20. A3P4 – koketka

chizig'i

Taxlama:

A3A31=4 sm

NNo=4 sm



Old bo'lak chizmasi

1. Yoqa o'mizi

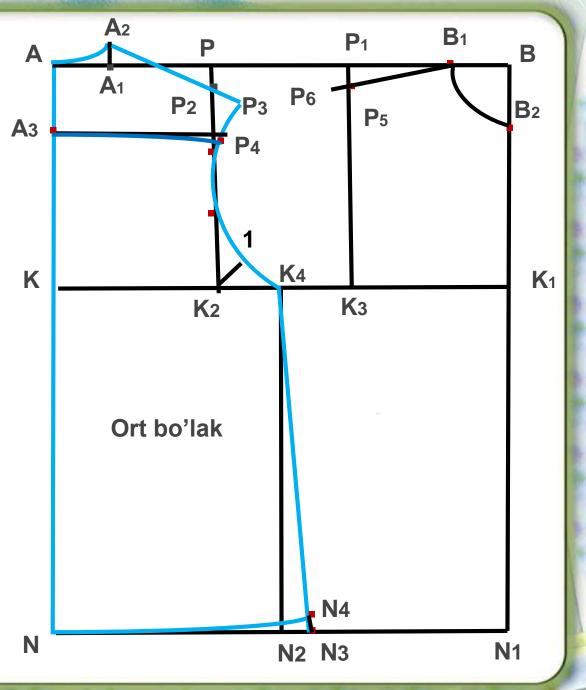
B1B2 – o'miz chizig'i

2. Yelka chizig'i

$$P1P5 = 2-3 \text{ sm}$$

3.
$$B1P5P6 = Kyel + 1.5$$

$$sm = 11 + 1,5 = 12,5 sm$$



Old bo'lak chizmasi

4. Yeng o'mizi

K32 = 2 sm (burchak bissektrisasi)

5. Nazorat nuqtasi − **P**1K3 : 3

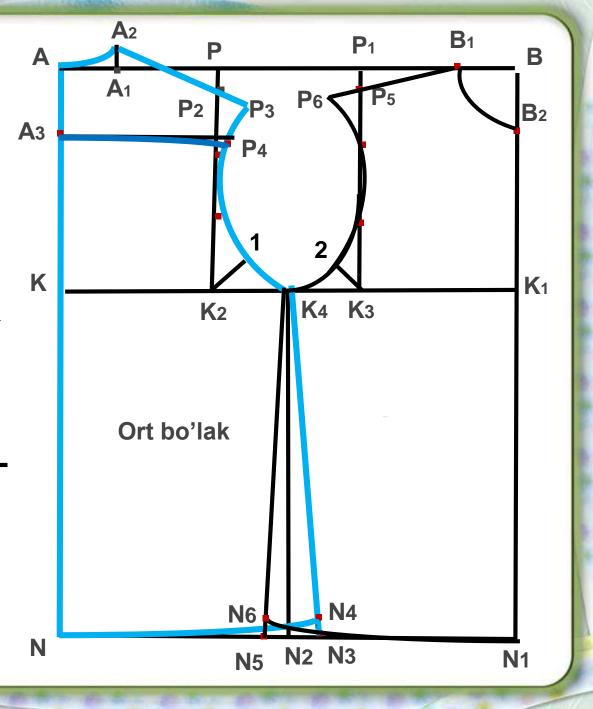
P6 2K4 – o'miz chizig'i

Yon chiziq

- 8. N2N5 = 1-3 sm
- 9. K4N5 yon chiziq

Etak chizig'i

- 10. N5N6 = 0,5-1cm
- 11. N1N6 etak chizig'i



Old bo'lak chizmasi

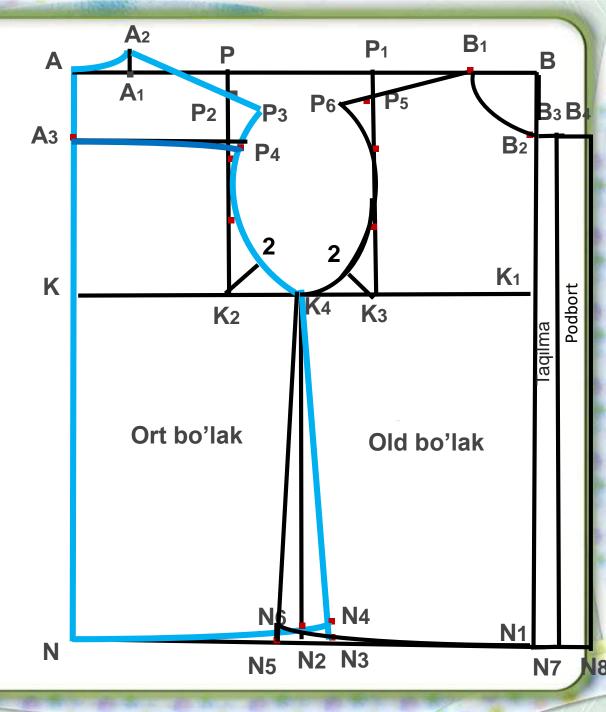
Taqilma

12. $B_2B_3 = 1.5 \text{ sm}$

13. B2B3=H1H7 →

Podbort

14. B3B4 = 3 sm



Qaytarma tik yoqa chizmasini chizish.

$$AB = DC = Cbo'y + Pcbo'y = 16,5$$

+ 2,5 = 19 sm

2. Yoqa kengligi

$$AD = BC = 8-10 \text{ sm}$$

3. To'g'ri burchak- AA1BB1

Yoqani o'tqazish chizig'i

- 4. AA1=1 sm, DD1=2,5 sm
- 5. CC1 = 1 sm
- 6. DN = DC:2

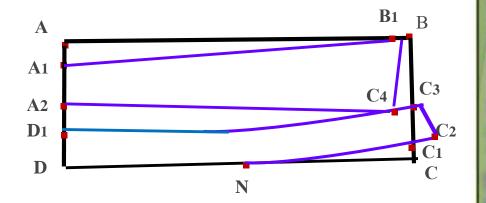
$$C_1C_2 = 0.5 \text{ sm}$$

$$C_2C_3 = 2.5 \text{ sm}$$

$$BB_1 = 1;$$

$$C_3C_4 = 1.5 \text{ sm};$$

$$D_1A_2 = 2 \text{ sm}$$



Yeng konstruksiyasini chizish

1. Yeng uzunligi

$$AN = A1N1 = Uyeng-2,5^{-1} = 52$$

 $sm - 2,5 \ sm = 49,5 \ sm.$

2. Yeng kengligi -

$$AA1 = NN1 = Oyel + P = 24$$

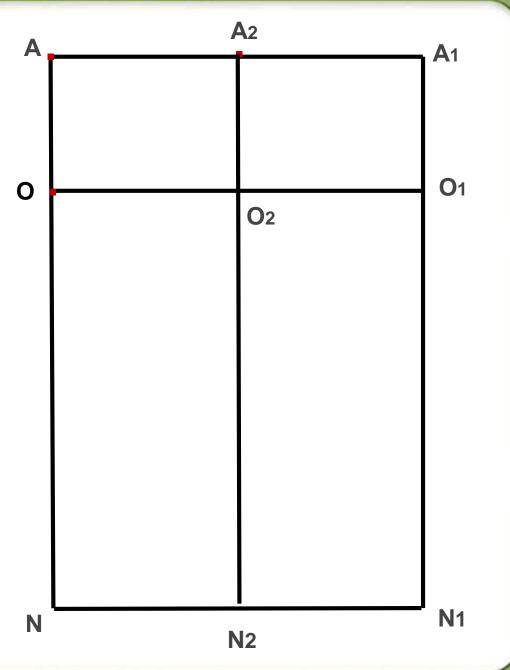
 $sm + 10 \ sm = 34 \ sm.$

- 3. To'g'ri to'rtburchak -
- AA1HH1
- 4. Yeng boshi balandligi.

$$AO = Ck : 6 + 2 = 36 : 6 + 2$$

- =8 sm
- 5. $AA_1 = OO_1 = NN_1$

$$AA_2 = AA_1/2$$



Yeng konstruksiyasini chizish A

Yeng boshi chizig'i

- 8. A2O, A2O1
- 9. A20:2;103=1,5 sm
- 10. A2O1:4

$$2O4 = 1 \text{sm}; 4O6 = 0.5 \text{ sm}$$

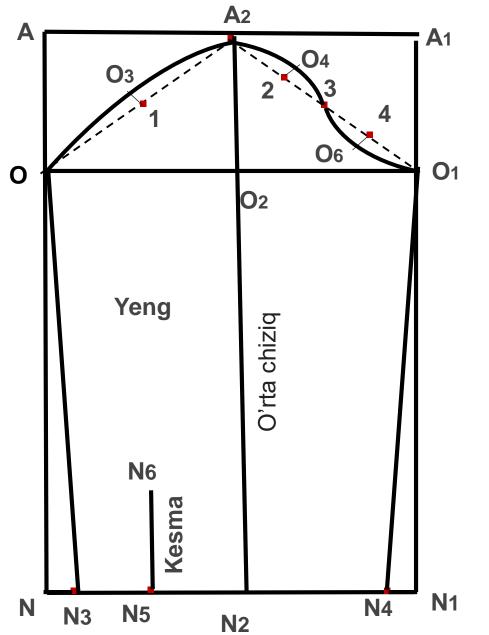
11. O,O₃, A₂, O₄, 3, O₆, O₁ - okat

Yeng yon chizig'i

- 12. NN3 = N1N4 = 3 sm
- 13. ON3 va O1N4 yon chiziq

Taqilma uchun kesma

14.
$$N_2N_5 = N_2N_3 : 2;$$
 $N_5N_6 = 8 \text{ sm}$



Manjet chizmasini chizish

1. Manjet uzunligi

$$AA1 = Obil + 4sm = 16 + 4 = 20 sm$$

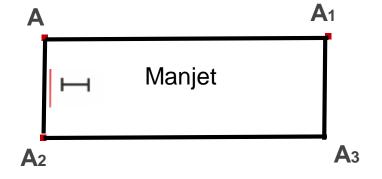
2. Manjet kengligi

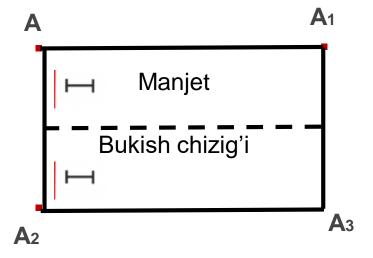
$$AA2 = 5-6 \text{ sm}$$

Yaxlit manjet uchun 10-12 sm

3. To'g'ri to'rtburchak

AA1A2A3





E'tiboringiz uchun raxmat!