

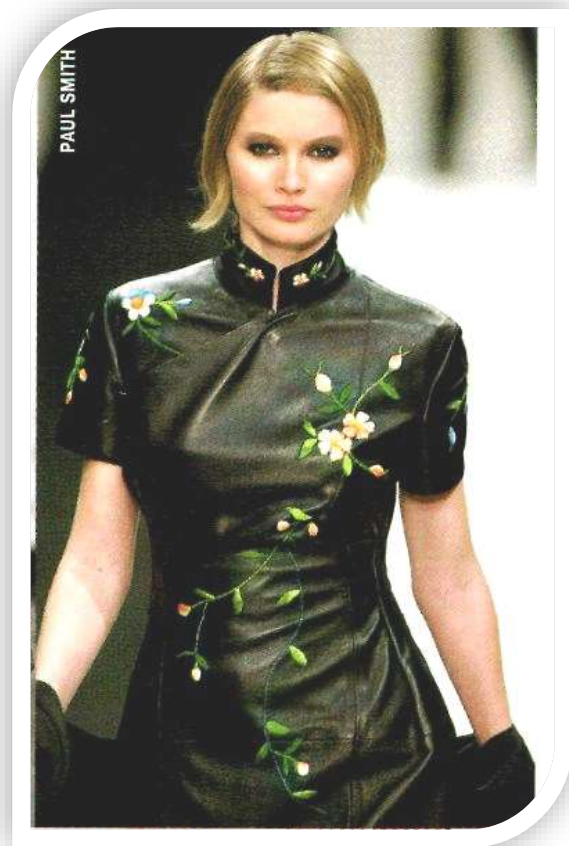
**17-Mavzu: Yoqalarning turlari.**  
**Qaytarma va ochiq taqilmali**  
**yoqalarni hisoblash va chizish.**  
**Yoqalarni texnik modellash.**

**Reja:**

1. Yoqalarning turlari.
2. Qaytarma va ochiq taqilmali yoqalarni hisoblash va chizish.
3. Yoqalarni texnik modellash.

# ***Yoqalarning klassifikatsiyalanishi***

# Tik yoqalar



# Yoqa o'miziga ulanish usuli bo'yicha::

## 1. O'tqazma yoki yaxlit bichilgan (yoqa old detail bilan birikkan holda)



“Shol” yoqa



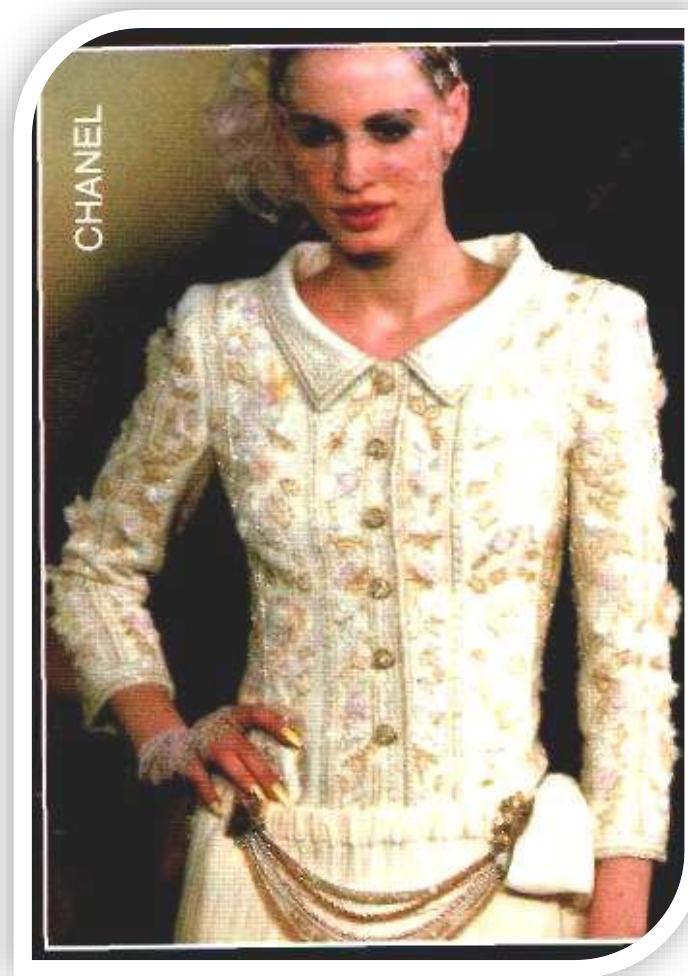
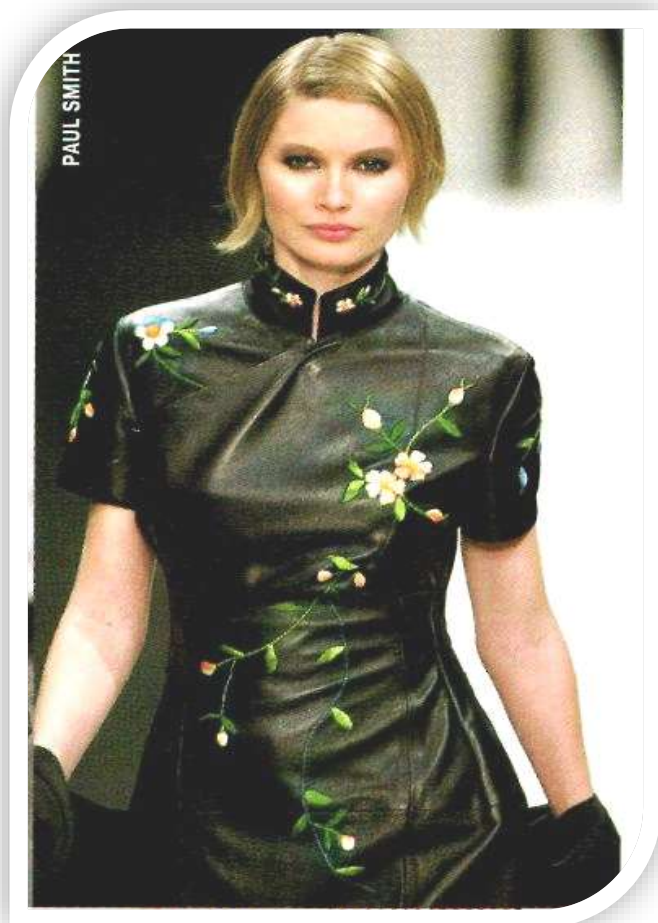
“Apash” yoqa



Tik-yoqa

## Bo'yinga yopishib turadigan yoki bo'yinga nisbatan erkin turadigan

(bo'yinga nisbatan yoqaning o'tkazilishiga bog'liq bo'ladi)





## O'tqazma yoqalar

(yoqa alohida bichiladi, ishlov beiladi va o'mizga ulanadi)



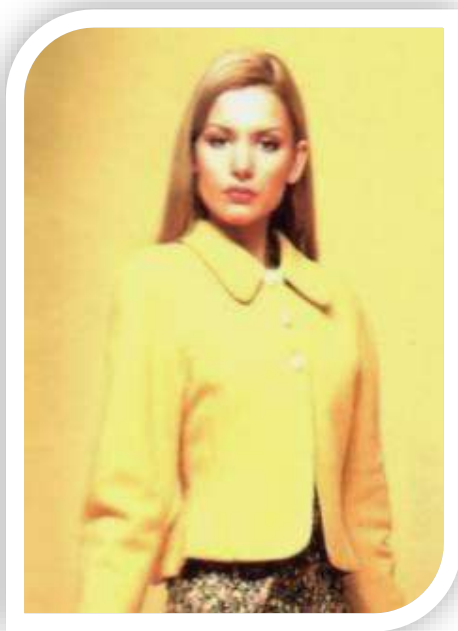
# OLINADIGAN YOQALAR

(yoqalar alohida bichib tikiladi)

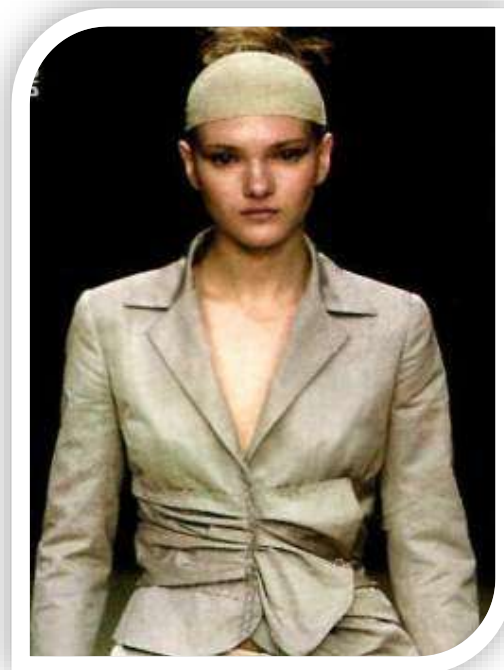


# Yoqa taqilma bilan bog'lanishiga ko'ra

- Yopiq taqilmali



- Ochiq qaytarma taqilmali





# Yoqa taqilma bilan bog'lanishiga ko'ra

- Yopiq taqilmali
- Ochiq qaytarma taqilmali



# YOQA TURLARINI AYTING



# TO'G'RI JAVOB:



**QAYTARMA YOQA**

2

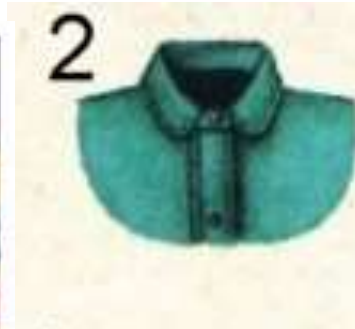


**YASSI YOQA**



**TIK YOQA**

# YOQA TURLARINI AYTING





# ПРАВИЛЬНЫЙ ОТВЕТ:



**Yassi yoqa**



**Qaytarma yoqa**



**Tik yoqa**



### *Yoqaga tavsif:*

old va ort bo'laklar bilan yaxlit bichimli tik yoqa, bo'yinga nisbatan erkin turadigan , yuqorigacha yopiq taqilmali .





O'tqazma qaytarma yoqa,  
bo'yinga yopishib turadigan  
taqilmasi latskan  
chizig'igacha





O'tqazma yassi yoqa,  
bo'yinga yopishmaydigan  
taqilmasi yuqorigacha



O'tqazma qaytarma yoqa,  
bo'yinga yopishib turadigan  
taqilmasi yuqorigacha



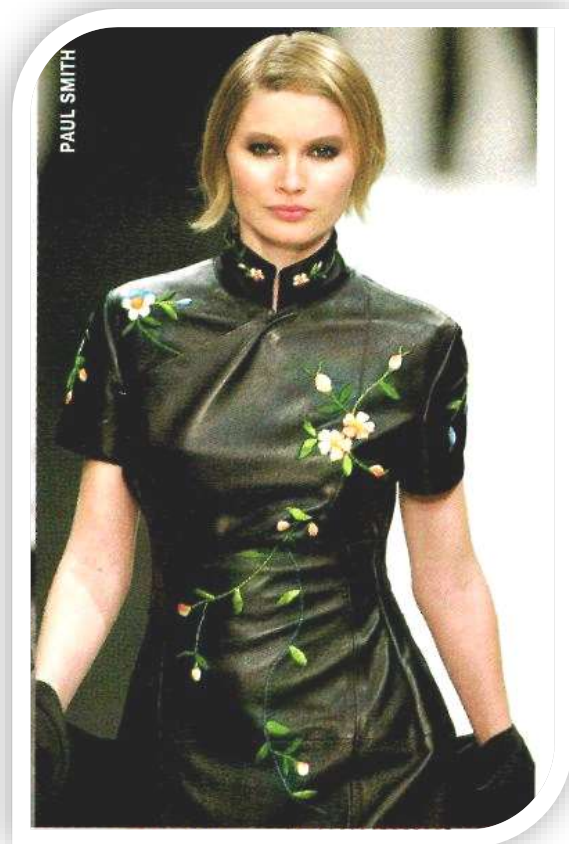
Old va ort bo'laklar  
bilan yaxlit bichilgan  
tik yoqa bo'yinga  
nisbatan erkin  
turadigan, taqilmasi  
yuqorigacha



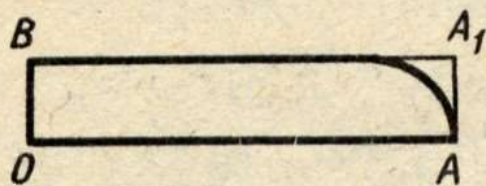
O'tqazma qaytarma yoqa, bo'yinga  
yopishmaydigan taqilmasi yuqorigacha



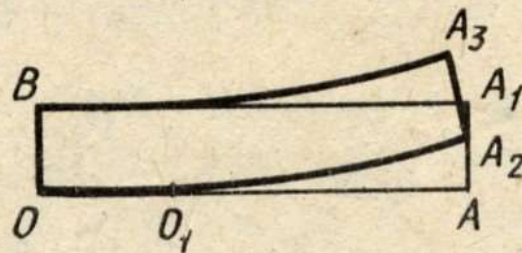
# Tik yoqalar



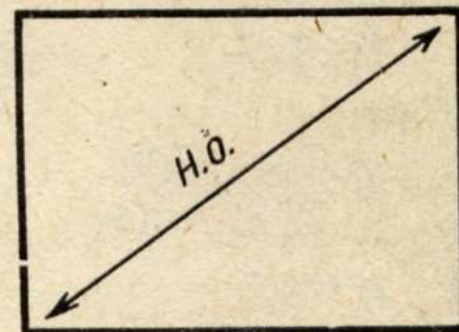
# Tik yoqalar



*a*



*b*

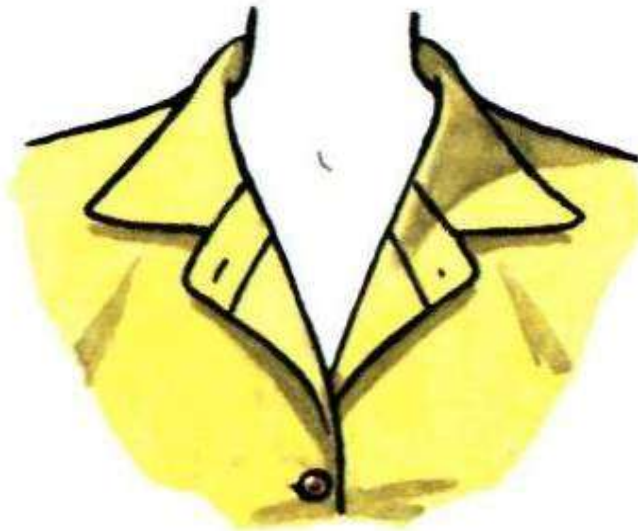


*b*

# QAYTARMA YOQA

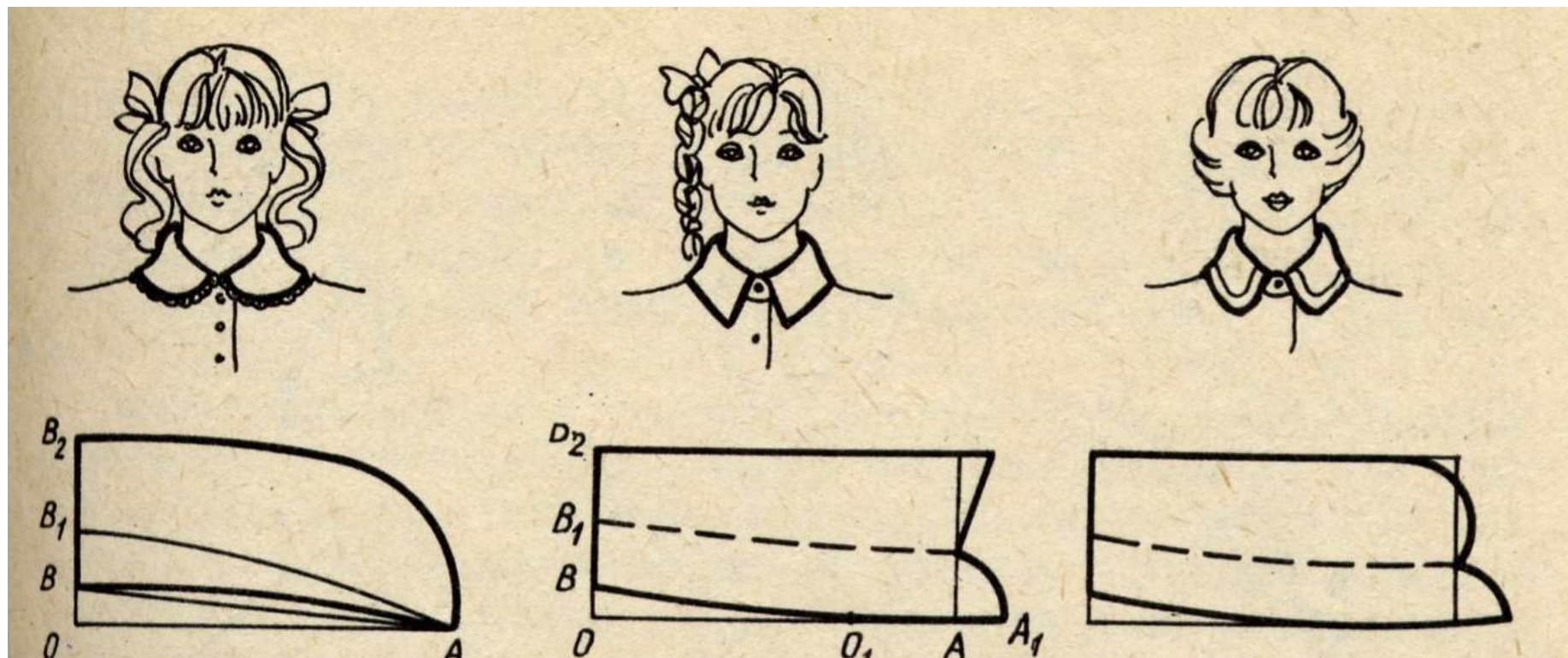
Ikki qismdan iborat:

- Tik yoqa qismi;
- Qaytarma qismi





# O'TQAZMA YOQALAR

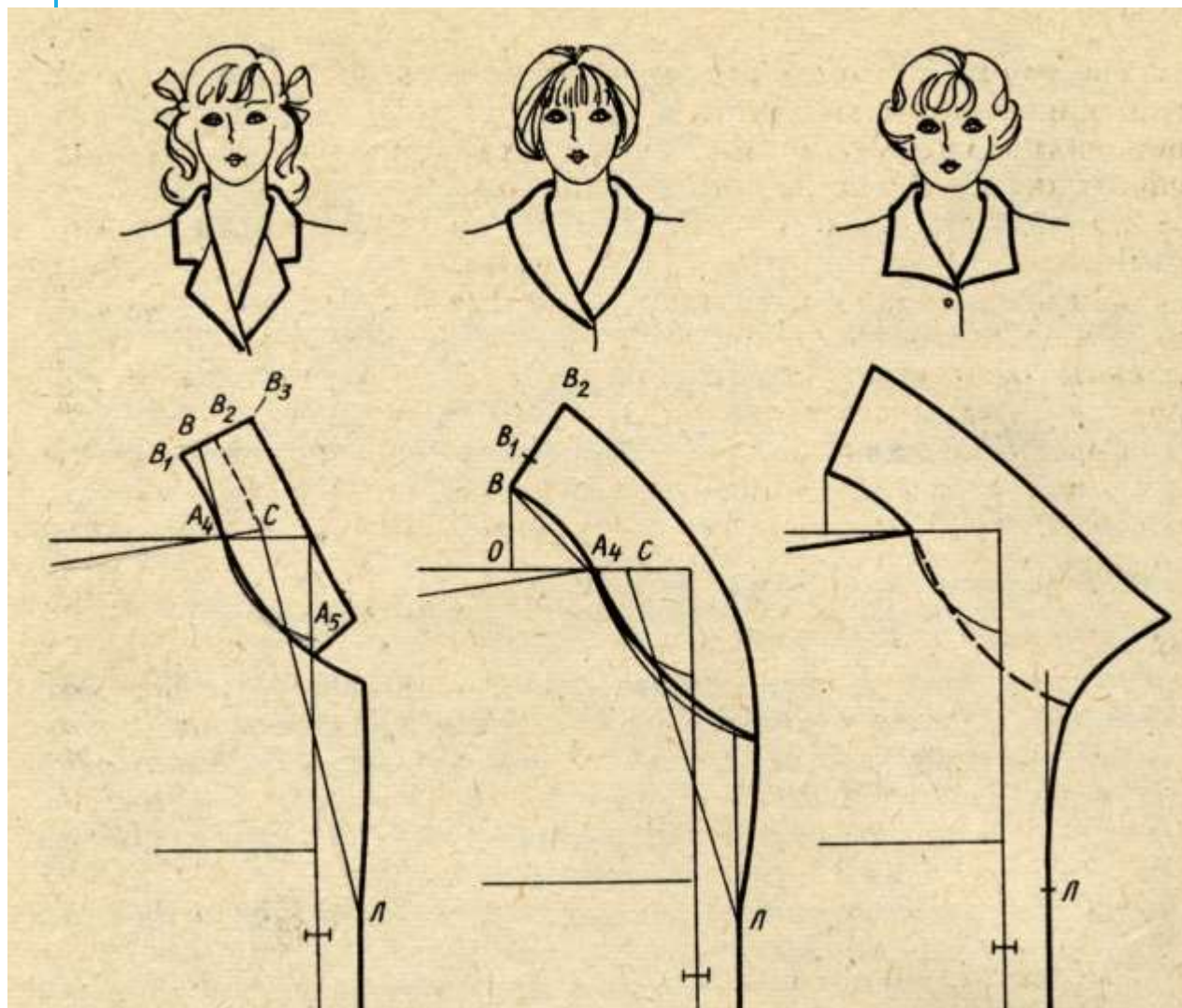


qaytarma

tik-qaytarma



# YOQA TURLARI



a

6

B

A) pidjak  
tipidagi yoqa

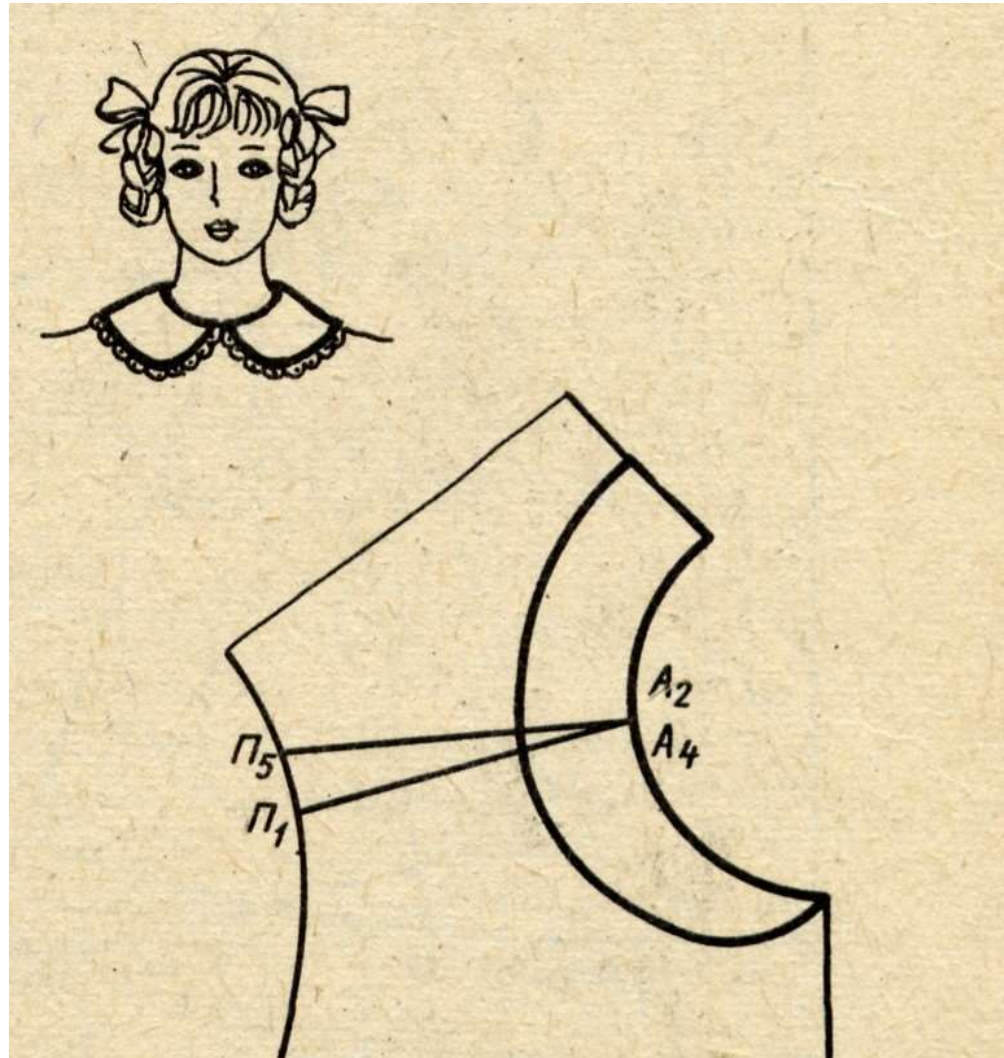
B) «shol»

B) «apash»

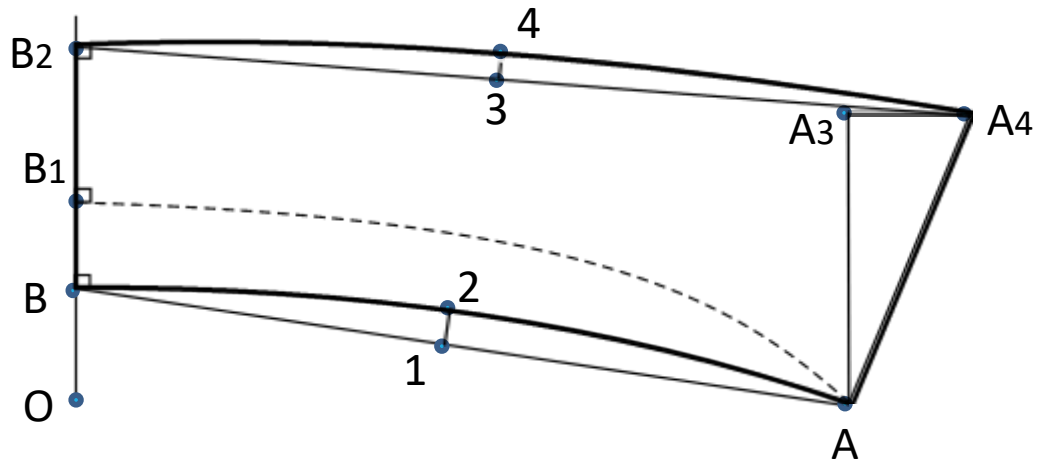
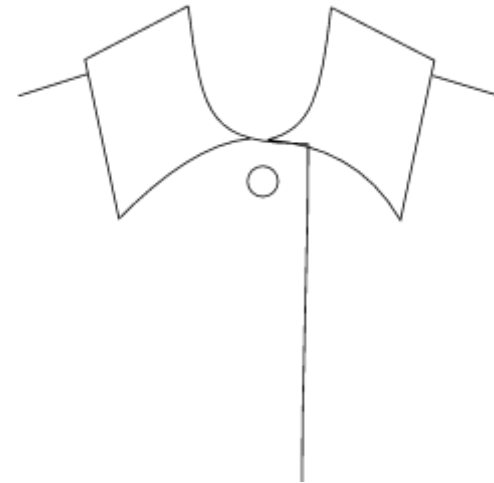
# YASSI YOQALAR



# YASSI YOQA



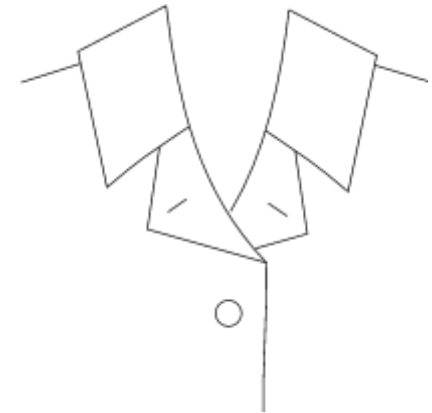
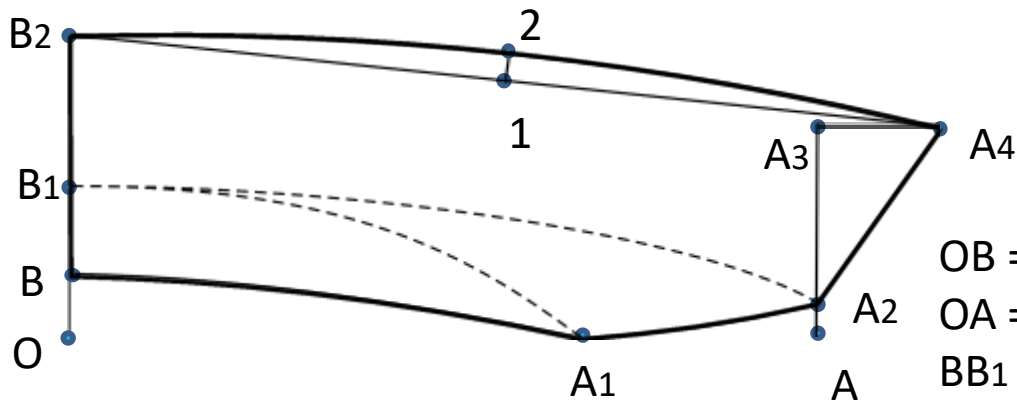
# YOPIQ TAQILMALI QAYTARMA YOQA



$OB = 1,5 - 10 \text{ sm}$   
 $OA = \text{Dyoqa o'mzi} + 0,5$   
 $BB_1 = 2,5 - 3,5$   
 $B_1 = AB / 2$   
 $1-2 = 1,0 - 2,5 \text{ sm}$   
 $BB_2 = 8 - 10 \text{ sm}$   
 $AA_3 = BB_2 + 1,0$   
 $A_3A_4 = 3 - 5 \text{ sm}$   
 $B_2A_4 / 2$   
 $3-4 = 1,0 - 1,5 \text{ sm}$



# YOPIQ TAQILMALI QAYTARMA YOQA



$OB = 2,0 \text{ sm}$

$OA = D_{yoqa} \text{ o'mzi} + 0,5$

$BB_1 = 3,0 - 3,5$

$BB_2 = 8 - 11 \text{ sm}$

$AA_1 = OA / 3$

$AA_2 = 1 \text{ sm}$

$A_2A_3 = BB_2 - 1,0$

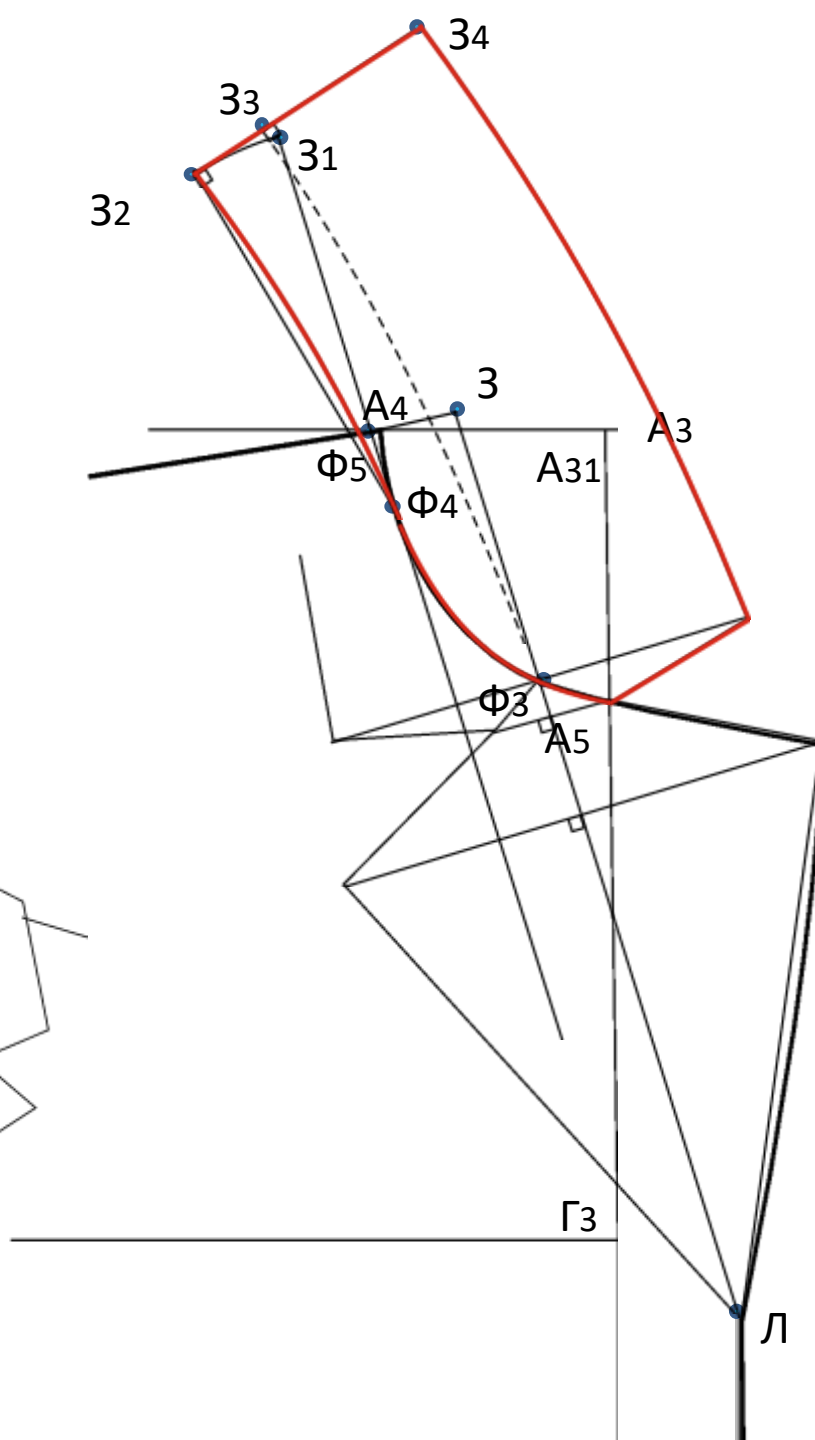
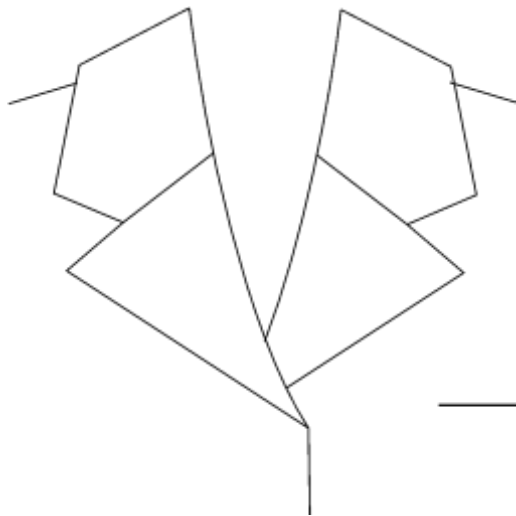
$A_3A_4 = 3 - 5 \text{ sm}$

$B_21 = B_2A_4 / 2$

$1-2 = 1,0 - 1,5 \text{ sm}$



L -1-chi izma 0,5 sm yuqori

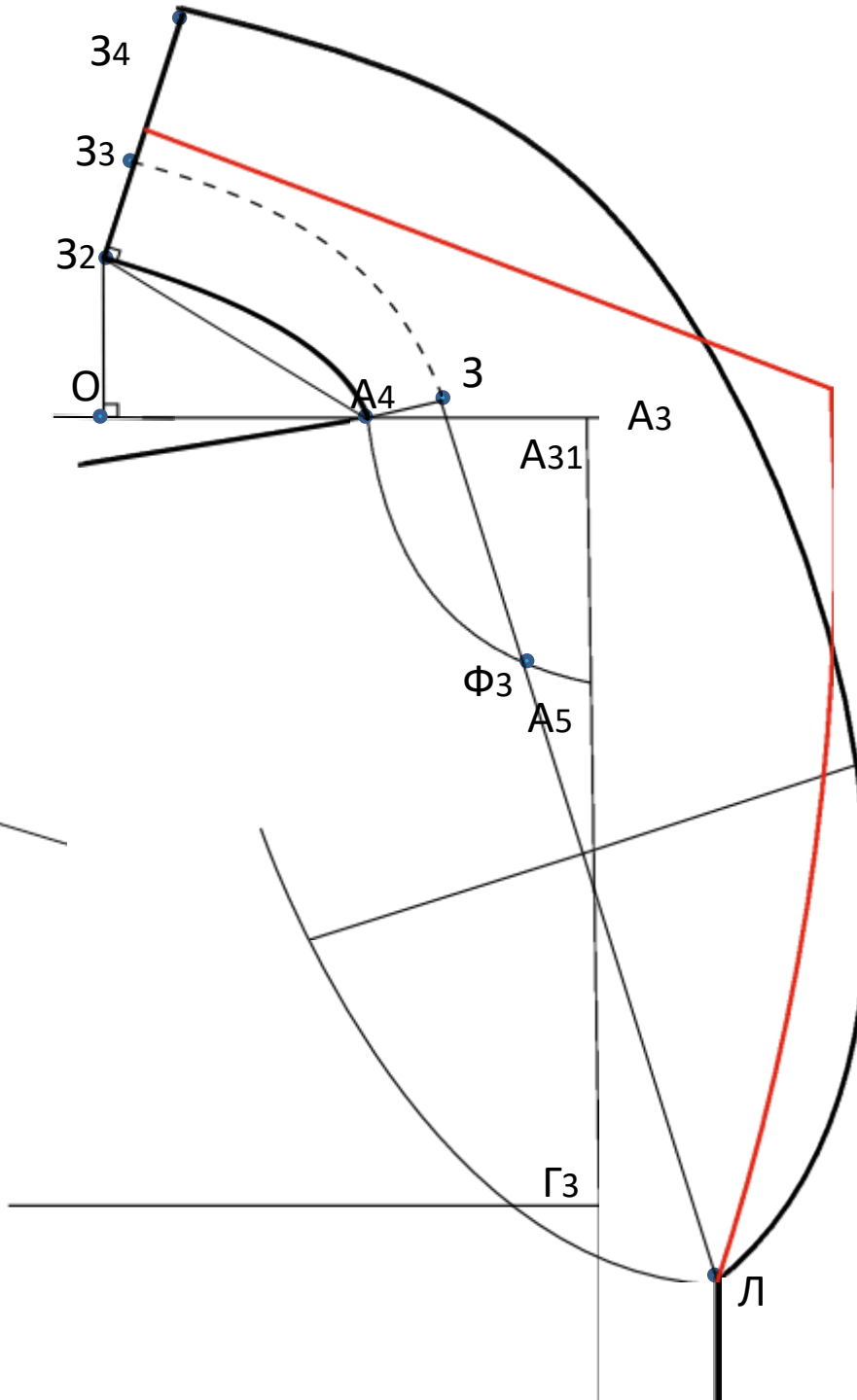
$$A_{43} = 2,5 \text{ sm}$$
$$\Phi_{531} = \text{Dor.yo'qa o'mizi} + 0,5$$
$$3_1 3_2 = 2 - 7 \text{ sm}$$
$$3233 = 2,5 \text{ sm}$$
$$3234 = 6 - 11 \text{ sm}$$


# Shol yoki apash yoqa

L -1-chi izma 0,5 sm yuqori

$$A_{43} = 2,5 \text{ sm}$$
$$A_4O = \text{Dor.yo'qa o'mizi} + 0,5$$

0 = 4 – 6 sm perpendikulyar

$$3_2 3_3 = 2,5 \text{ sm}$$
$$3234 = 6 - 11 \text{ sm}$$


# Chuqurroq o'yilgan yoqa o'miziga yoqa

$A5A6 = 8 - 13 \text{ sm}$  (modelga bog'liq)

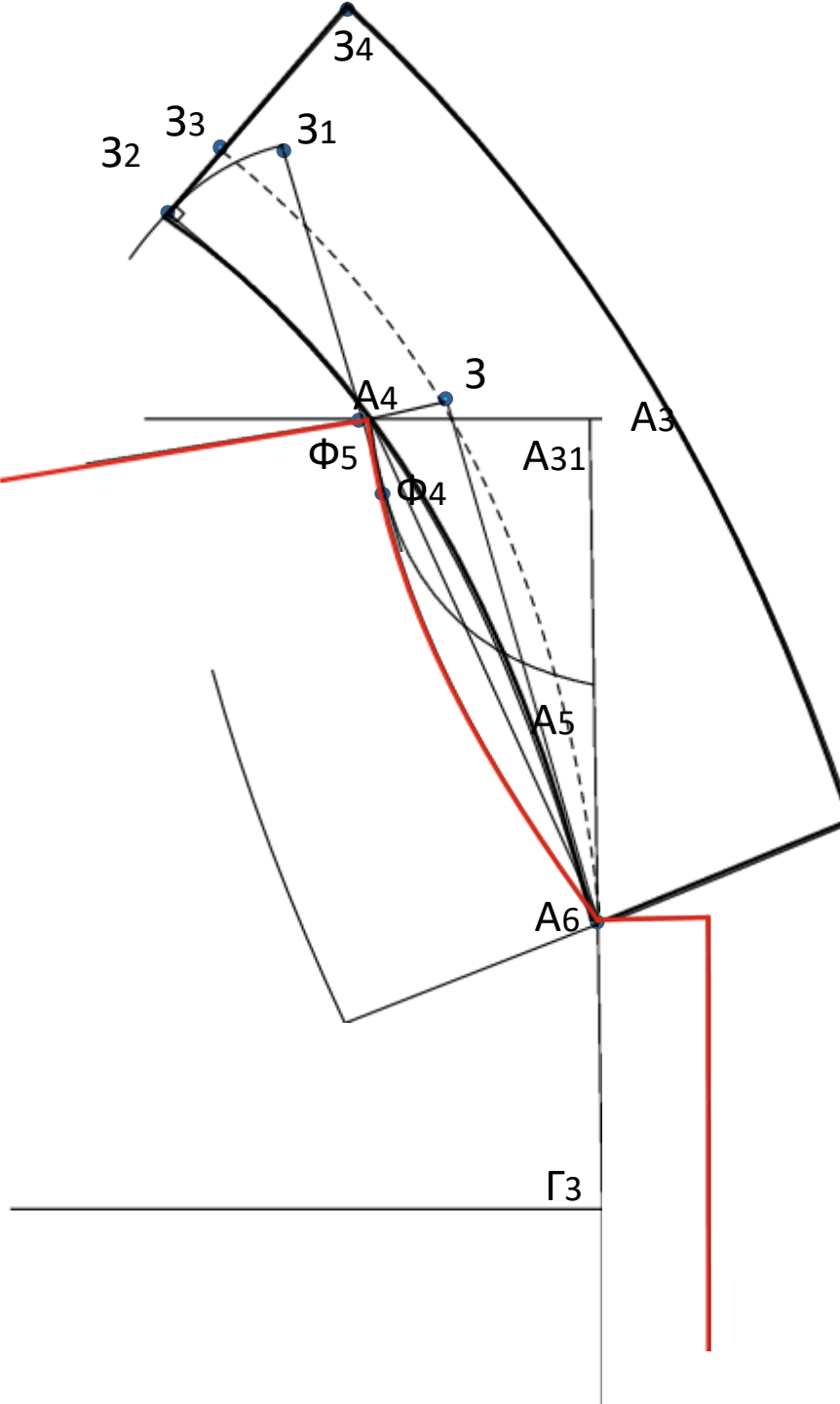
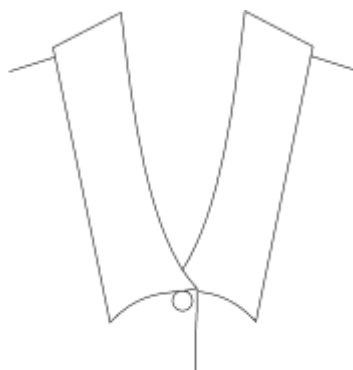
$A43 = 2,5 \text{ sm}$

$\Phi_{531} = \text{Dor.yo'qa o'mizi} + 0,5$

$3132 = 3 - 5 \text{ sm}$

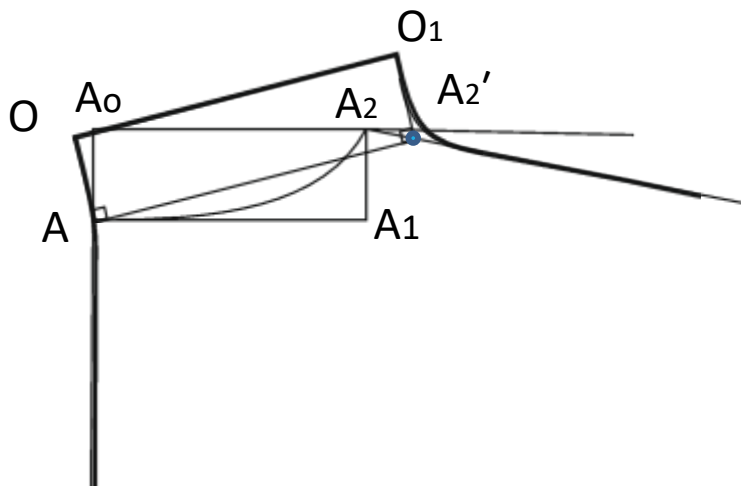
$3233 = 2,5 \text{ sm}$

$3234 = 6 - 11 \text{ sm}$



# Old va ort bo'laklar bilan yaxlit bichilgan tik yoqa

Ort bo'lak

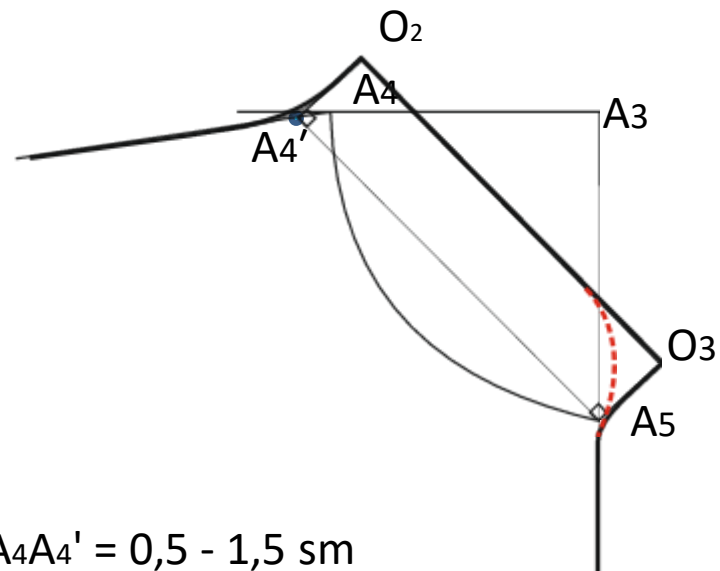


$$A_2A_2' = 0,5 - 1,5 \text{ sm}$$

Tik yoqa balandligi

$$AO = A_2'O_1 = 2,5 - 3,5 \text{ sm}$$

Old bo'lak



$$A_4A_4' = 0,5 - 1,5 \text{ sm}$$

Tik yoqa balandligi

$$A_4'O_2 = A_5C_3 = 2,5 - 3,5 \text{ sm}$$

# NAZORAT UCHUN SAVOLLAR:

1. Qanday yoqa turlarini bilasiz?
2. Yoqa asos chizmasi uchun qanday asosiy o`lchovlar olinadi?
3. Yoqa chizmasini chizish uchun qanday asosiy ma'lumotlar kerak bo'ladi?
4. Dekolte deb nimaga aytiladi?
5. Yoqalarni texnik modellashtirishda qanday usullardan foydalaniladi?



*E'tiboringiz uchun raxmat!*

