



2- Mavzu. OTISH ASOSLARI VA QOIDALARI

3-mashg'lot. Mo'ljalga olish usullari. Mo'ljalni tanlash va mo'ljallangan nuqtaga, qo'zg'almas nishonga o't ochish.



TIAME





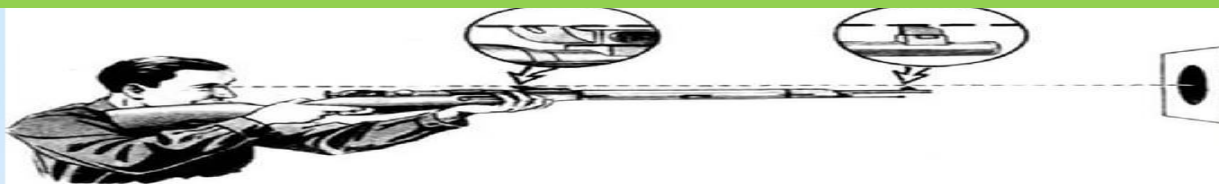
Mo'ljalga olish — bu avtomat stvol kanalini o'q otish uchun tayyorgarlik holatiga keltirirish va mo'ljallangan nuqtaga to'g'rilash.



TIAME

Ochiq pritsel bilan mo'ljalga olish

Gavdani to'g'ri tutib yigohni uch no'qtaga joylash lozim: pritsel plankasi, mushka va nisonga



**Yondan
ko'rinishi**

Vintovkadan otish

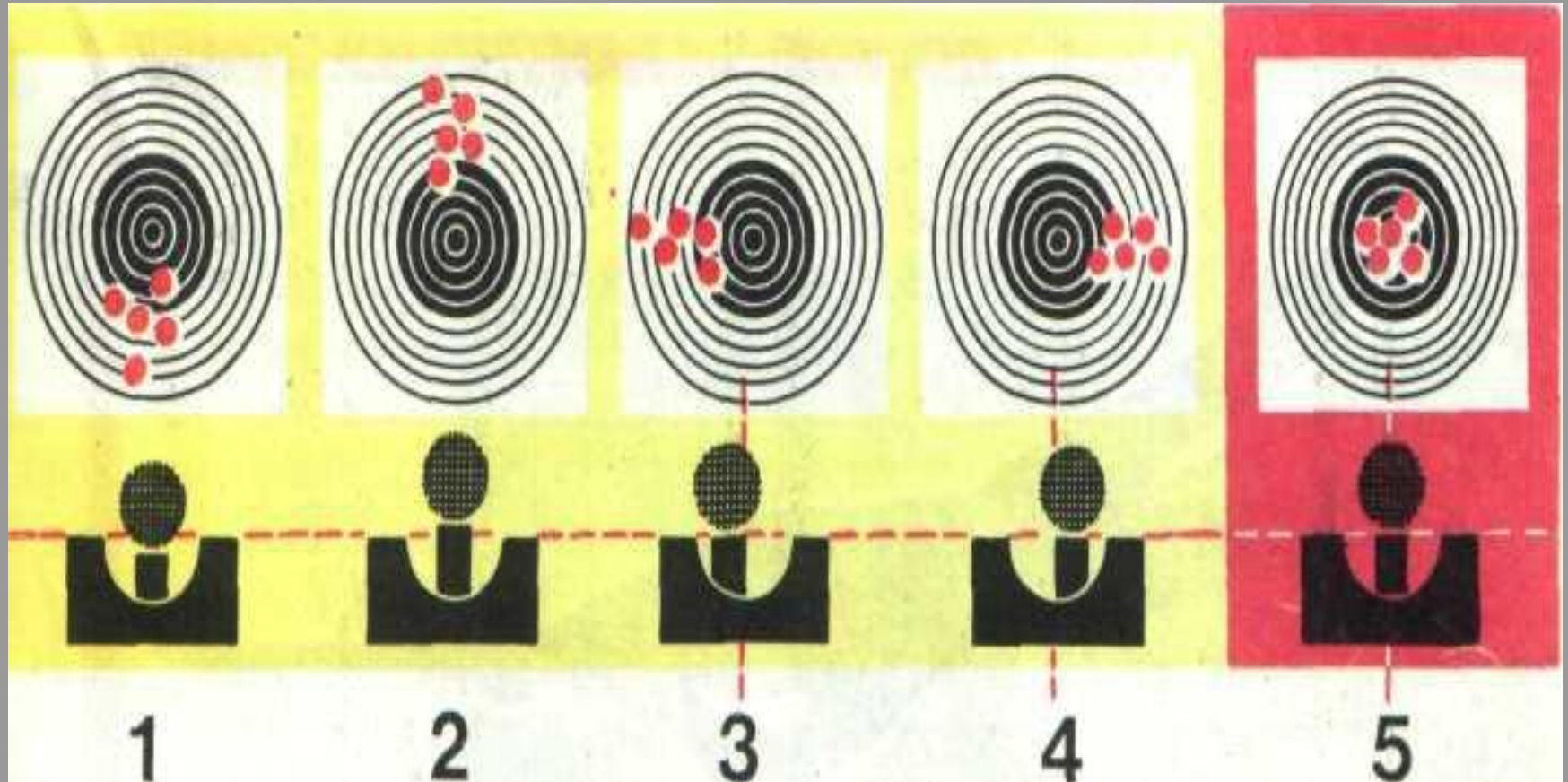
**Nison
Mushka
tselik**

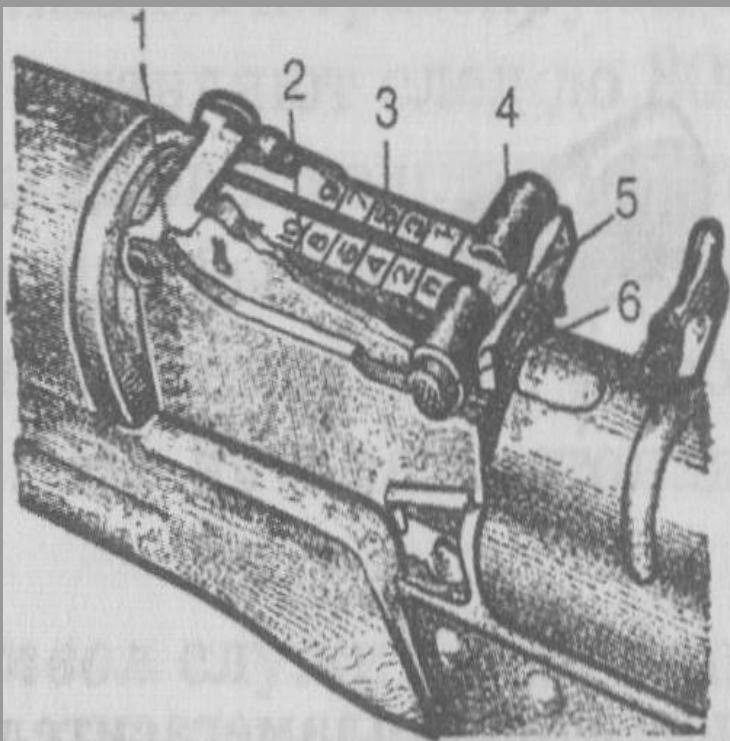


Mushka tselikni o'rtasida

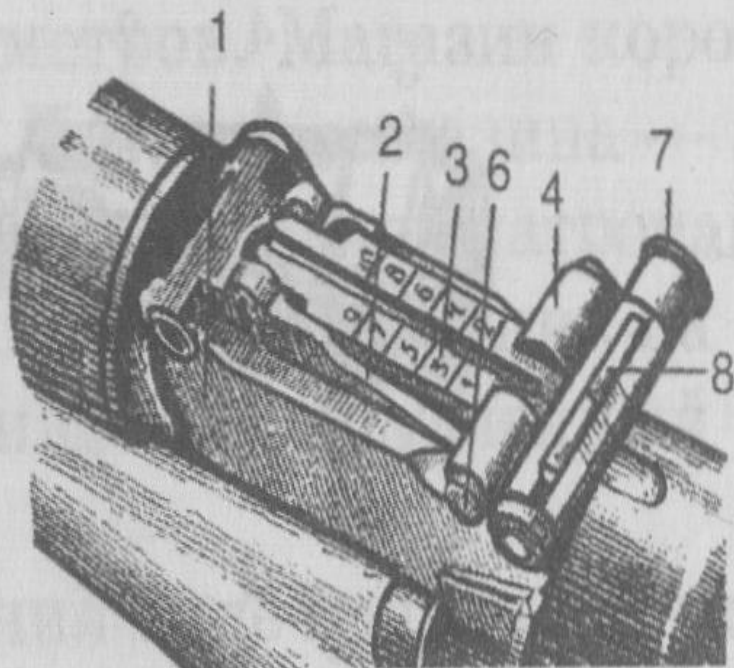
**Mushka va tselikni yoqori
qirradi bir chiziqda**

**O'q otuvchi tomonidan
ko'rinishi**





a



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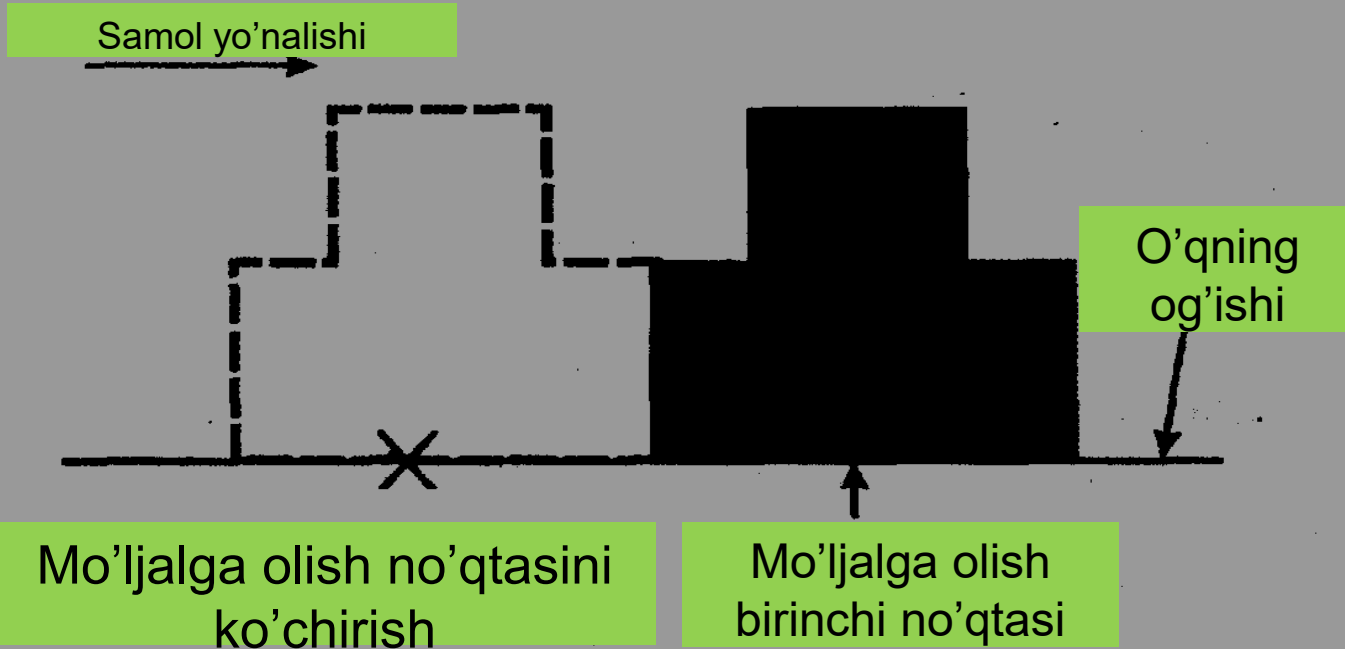


Tabiat hodisalari (yomg'ir, qor, do'l va bosh.) hamda yon tomondan esuvchi shamol o'qning parvozigiga salbiy ta'sir ko'rsatadi.



TIAME

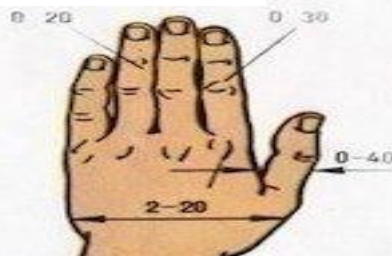
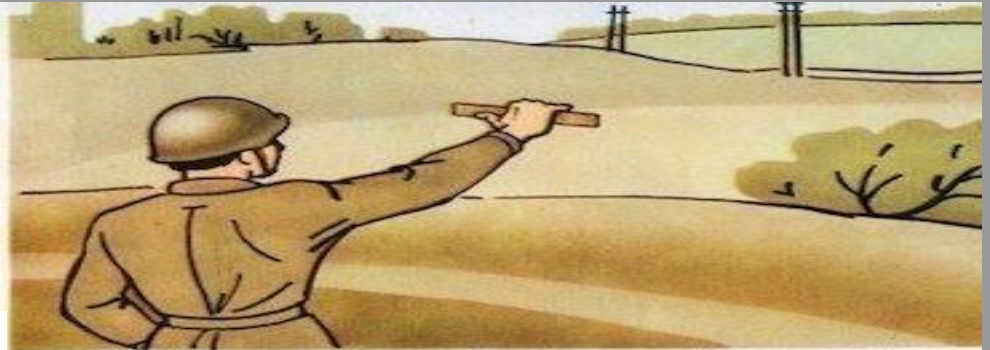
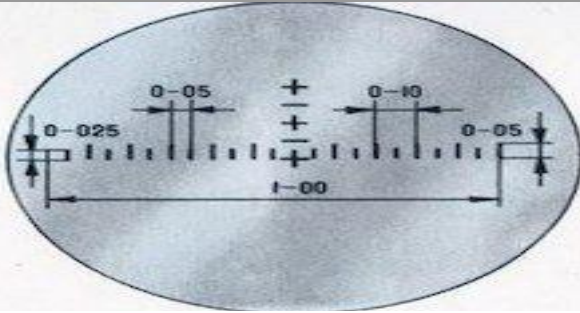




Mo'ljalga olish no'qtasini bir figuraga ko'chirish



4-mashg'ulot. Nishongacha bo'lgan masofani aniqlash. Masofani burchak kattaliklari yordamida aniqlash. Minglik formulasi va uni amalda qo'llash.



Nisongacha bo'lgan masofani aniqlash usullari:

- ❖ *Ob'ektlarni (nisonlarni) burchak kattaliklari bo'yicha.*
- ❖ *O'q ovozi yoki tovushni eshtilishiga ko'ra.*
 - ❖ *Chiziqli o'lchamlariga ko'ra (chizg'ich yordamida).*
- ❖ *Predmetlarni ko'rinishi jihatidan.*

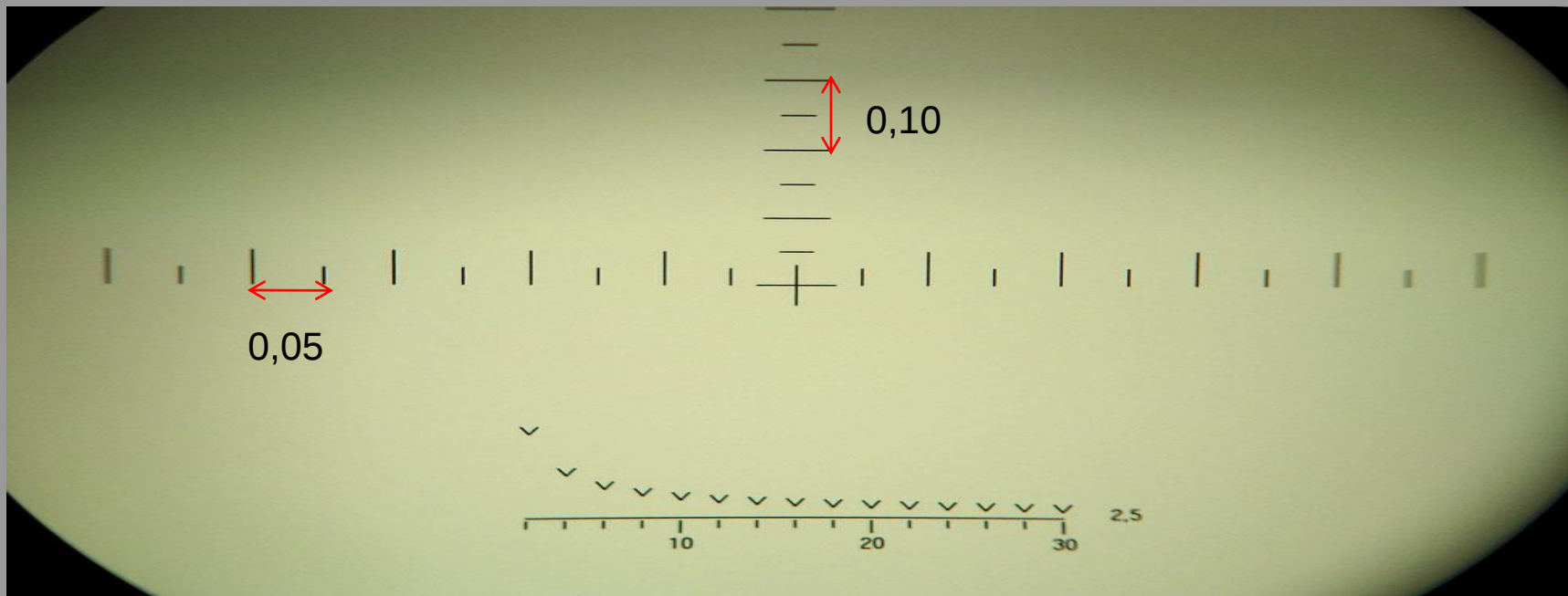


minglik formulasi yordamida:



$$M = \frac{B (K) \cdot 1000}{B}$$

Bu yerda M — nishongacha bo'lgan masofa, m; $B (K)$ — nishon balandligi (kengligi) m; 1000 — doimiy kattalik; B — nishon ko'rinayotgan burchak, minglikda.





Misol uchun, durbin yordamida qaralganda
1,7 m o'rtacha bo'yli kishi durbin setkalar
shkalasida 0-05 ga mos keldi. Bundan kelib
chiqadiki



$$M = \frac{1,7 \times 1000}{5} = \frac{1700}{5} = 340$$



Tovush yoki ovozni eshtilishi bo'yicha.

O'q ovozi razbedkachiga 9 soniyada etib keldi. Bu erda biz tovush tezligini hisobga olamiz. Tovush 1 soniyada 330-340 metrni bosib o'tadi.

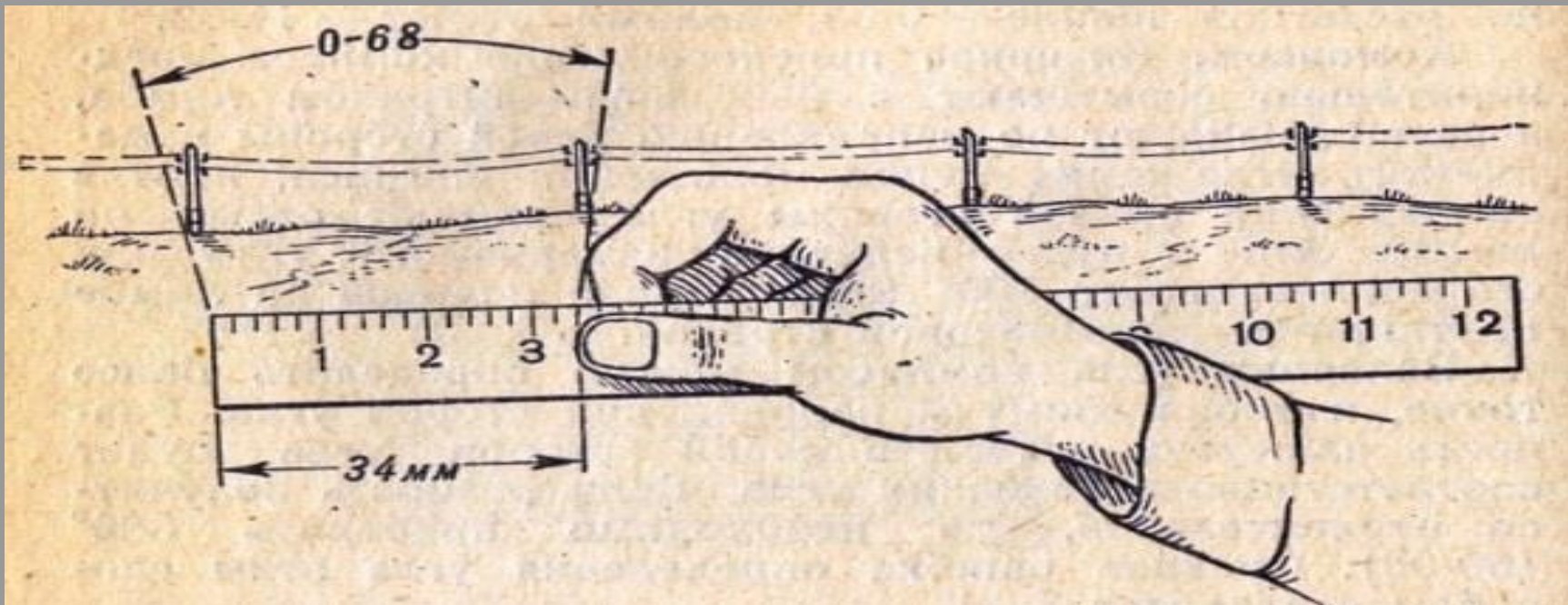
$$S=V \times T; \quad 330 \times 9 = 2970 \text{ m,}$$

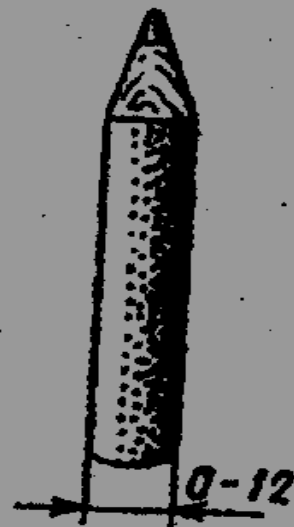
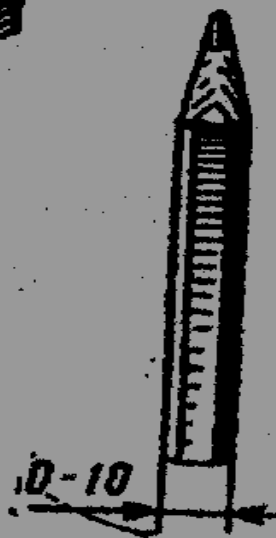
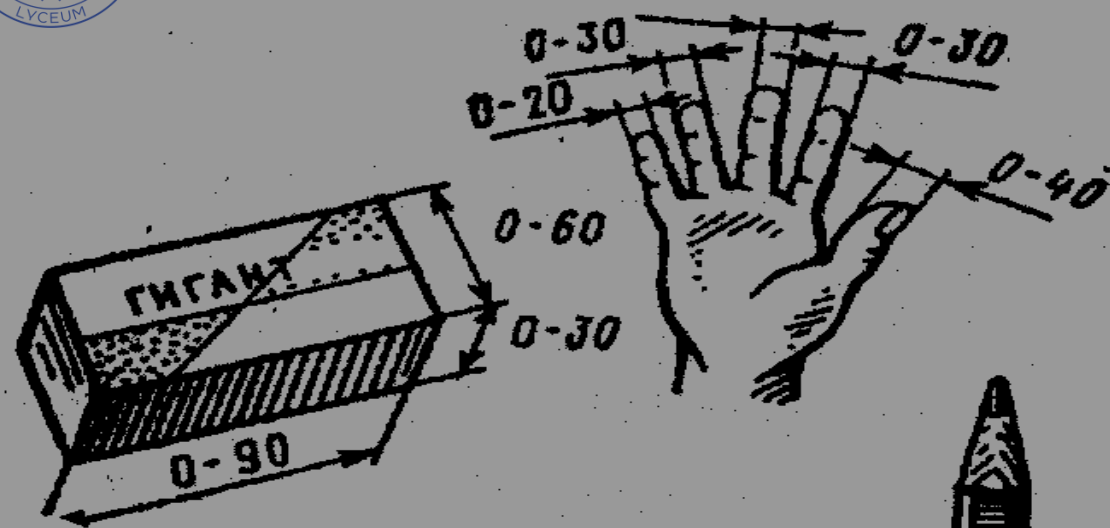
bu yerda, S — uzoqligi; V — tezligi;
 T — vaqt.

Nishongacha 2970 m.

Chiziqli o'lchamlariga ko'ra (chizg'ich yordamida).

Misol. Agar **6** metrli telefon aloqasi ustuni balandligi chizg'ich yordamida o'lchanganda **8** mmni tashkil qilsa, ungacha bo'lgan masofa $(600 : 8) \cdot 6 = 450$ m. boladi







Uyga fazifa

Masala echish

1. Pushkadan otilgan o'q ovozi razbedkachiga 5 soniyada etib keldi. Pushkagacha bo'lgan masofani aniqlang.
2. 9 metrli daraxt chizg'ichda 7 mmni tashkil qildi. Daraxtgacha bo'lgan masofani aniqlang.