

“MUHANDISLIK VA KOMPYuTER GRAFIKASI”

FANIDAN YaKUNIY NAZORAT SAVOLLARI

1-savol.

A0 formatning o‘lchamini yozing. _____ x _____ mm

Kichiklashtirish masshtabidan 2-3 tasini sanab o‘ting

Kattalashtirish masshtabidan 2-3 tasini sanab o‘ting.

Asosiy tutash chiziqni tasvirlang.

Ingichka tutash chiziqni tasvirlang.

Tutash to‘lqinsimon chiziqni tasvirlang.

Shtrix chiziqni tasvirlang.

Shtrix-punktir chiziqni tasvirlang.

Shriftning o‘lchami $h=10$ mm teng bo‘lgan “format” so‘zini yozing.

Shriftning o‘lchami $h=10$ mm teng bo‘lgan “talaba” so‘zini yozing.

2-savol.

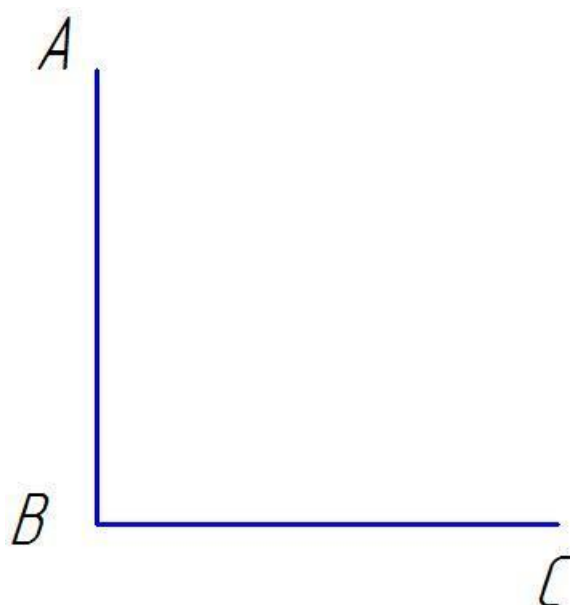
Sirkul yordamida berilgan kesmani teng ikkiga bo‘ling.



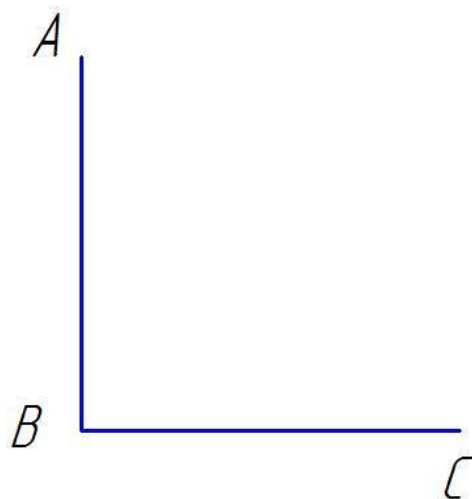
Berilgan to'g'ri chiziq kesmasini teng 5 ga bo'lib bering.



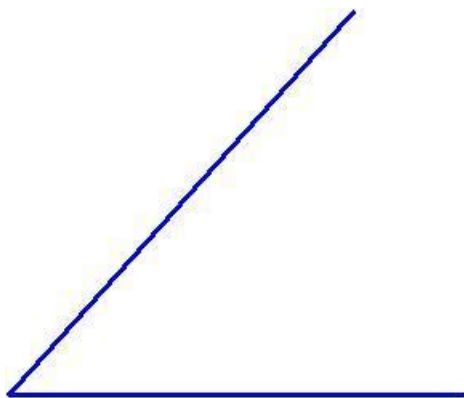
Sirkul yordamida ABS to'g'ri burchakni teng 2 ga bo'lib bering.



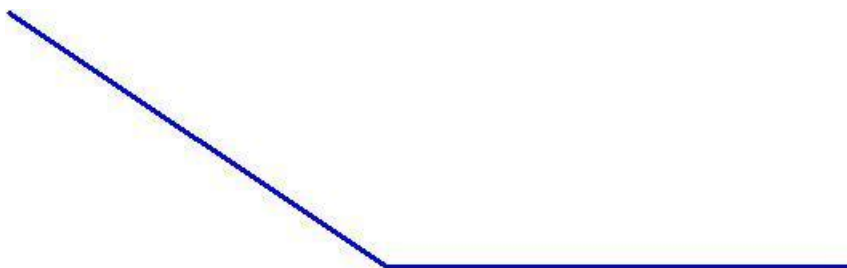
Sirkul yordamida ABS to'g'ri burchakni teng 3 ga bo'lib bering.



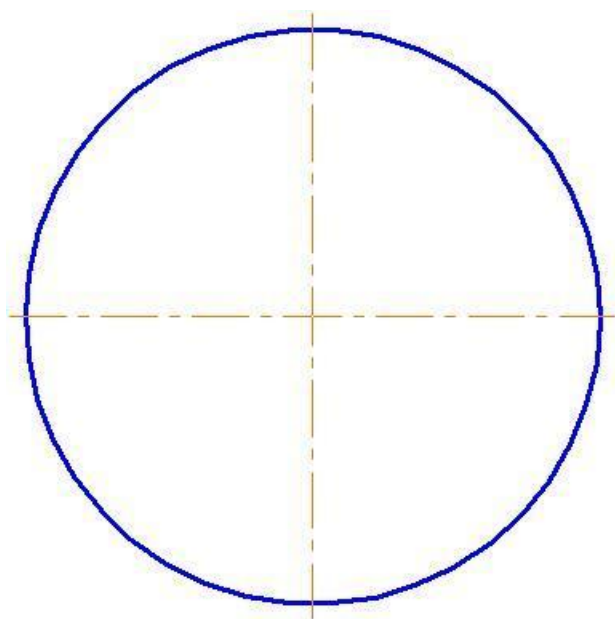
Sirkul yordamida berilgan o'tkir burchakni teng 2 ga bo'lib bering.



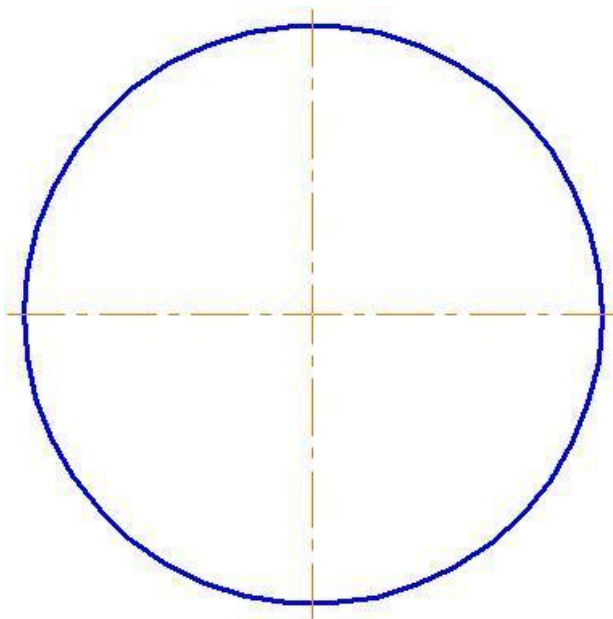
Sirkul yordamida berilgan o'tmas burchakni teng 2 ga bo'lib bering.



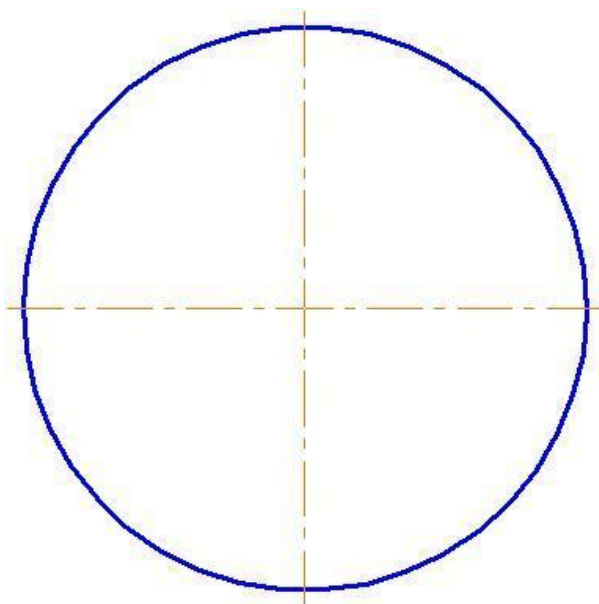
Sirkul yordamida berilgan aylanani teng 3 ga bo'lib bering.



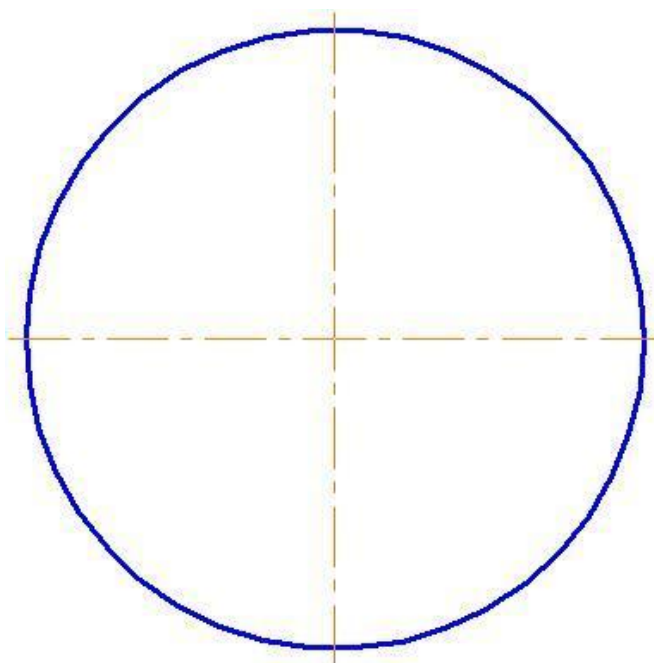
Sirkul yordamida berilgan aylanani teng 6 ga bo'lib bering.



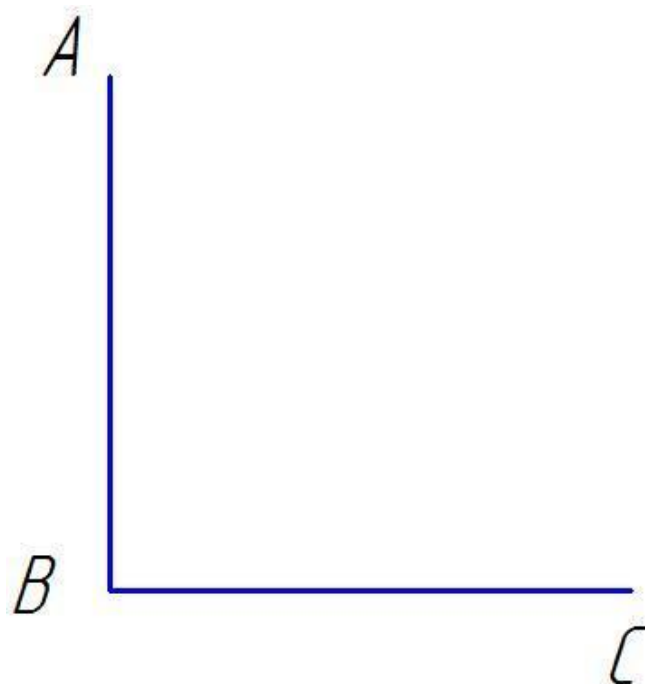
Sirkul yordamida berilgan aylanani teng 8 ga bo'lib bering.



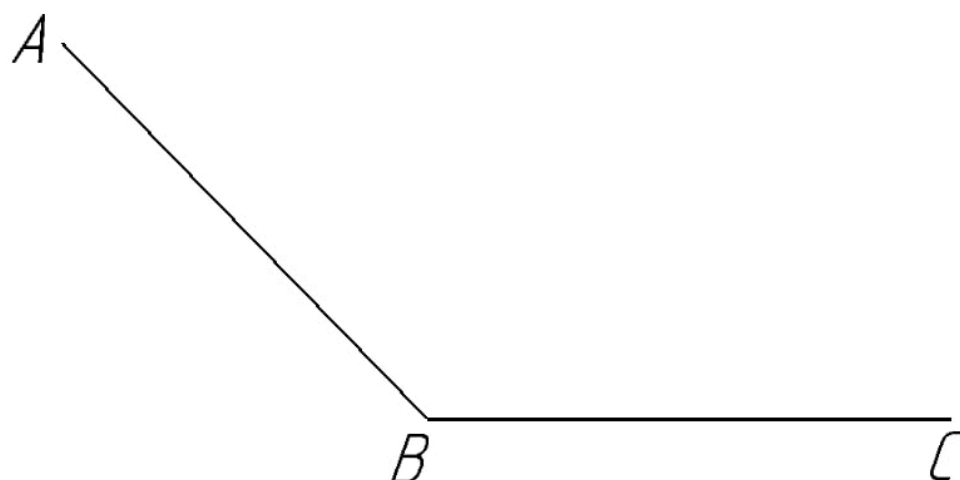
Sirkul yordamida berilgan aylanani teng 12 ga bo'lib bering.



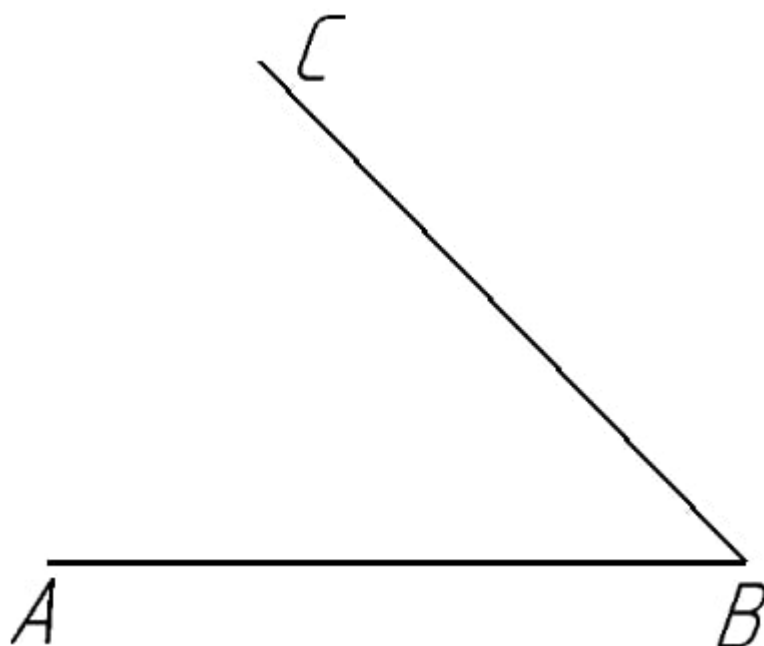
O'zaro perpendikulyar bo'lgan AB va BC to'g'ri chiziqlarni R 15 radiusda tutashtirib bering.



O‘zaro o‘tmas burchak hosil qiluvchi AB va BC to‘g‘ri chiziqlarni R25 radiusda tutashtirib bering.

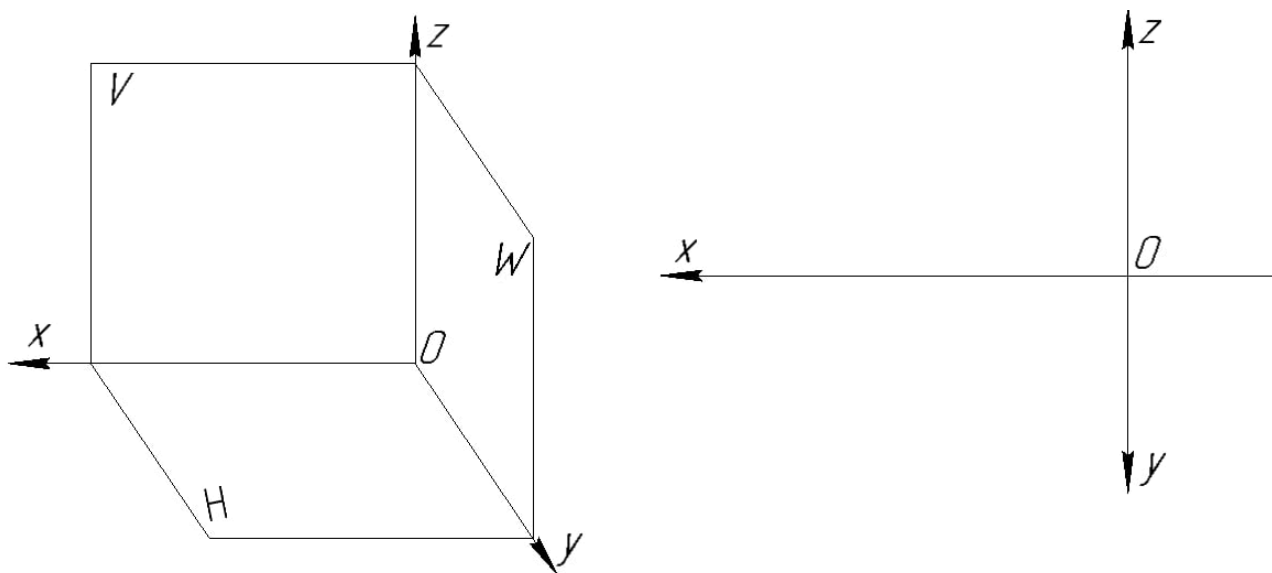


O‘zaro o‘tkir burchak hosil qiluvchi AB va BC to‘g‘ri chiziqlarni R20 radiusda tutashtirib bering.

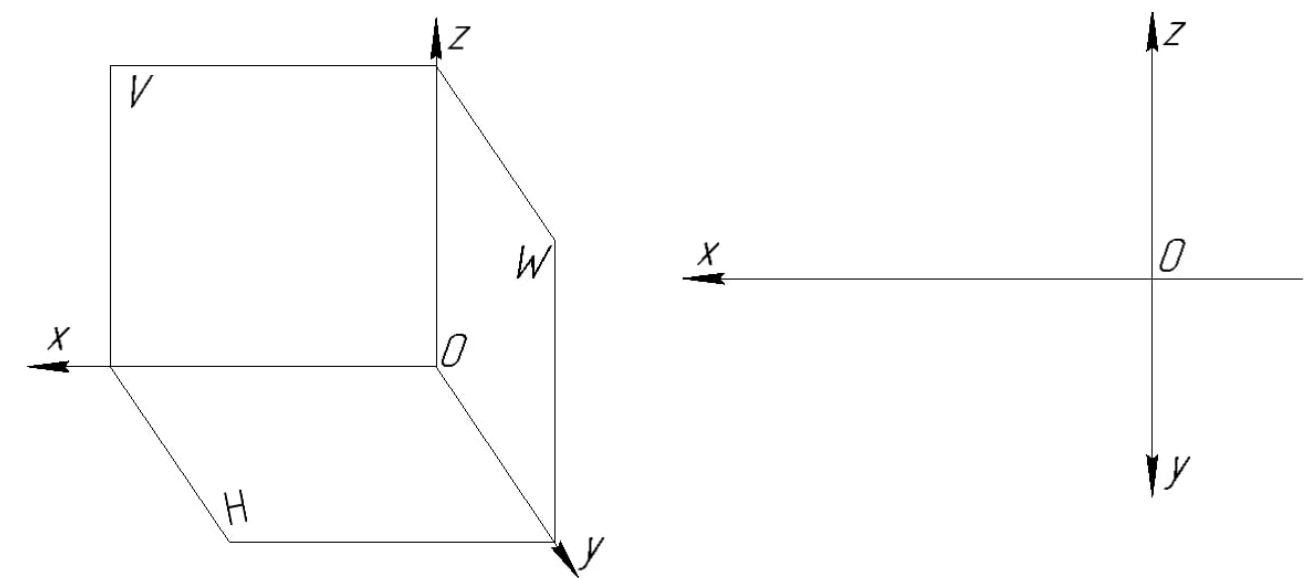


3-savol.

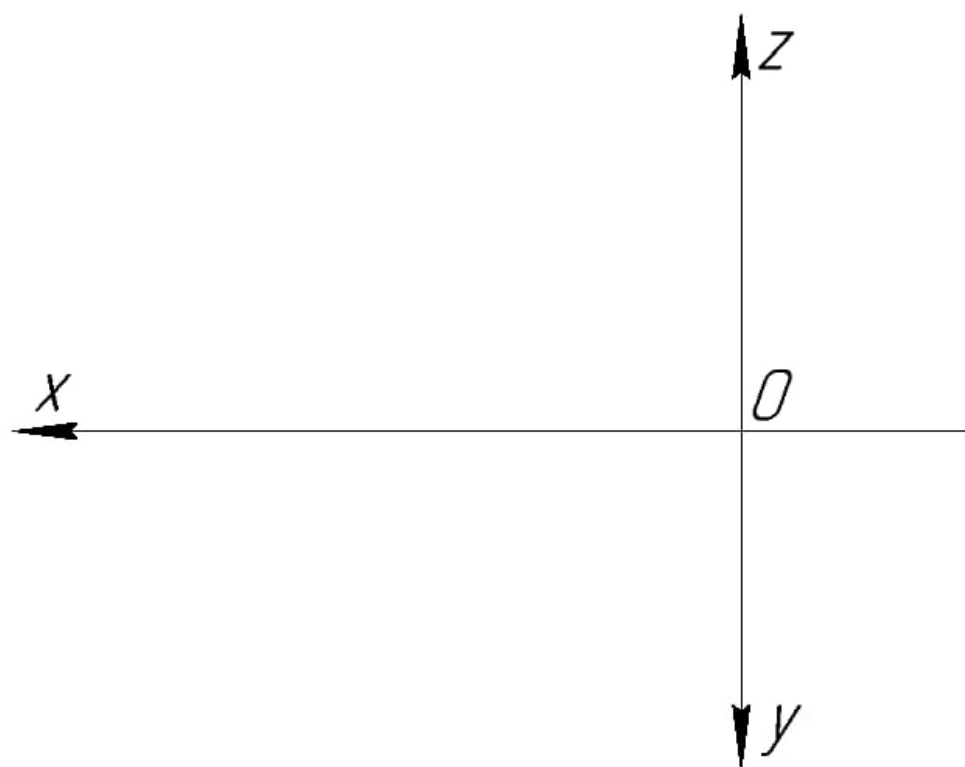
Berilgan koordinatalar bo'yicha A nuqtaning fazodagi va epyurdagi proektsiyalari qurilsin. A (20.30.40)



Berilgan koordinatalar bo'yicha AB to'g'ri chiziqlarning fazodagi va epyurdagi proektsiyalari qurilsin. A(20.30.40) B(60.40.60)

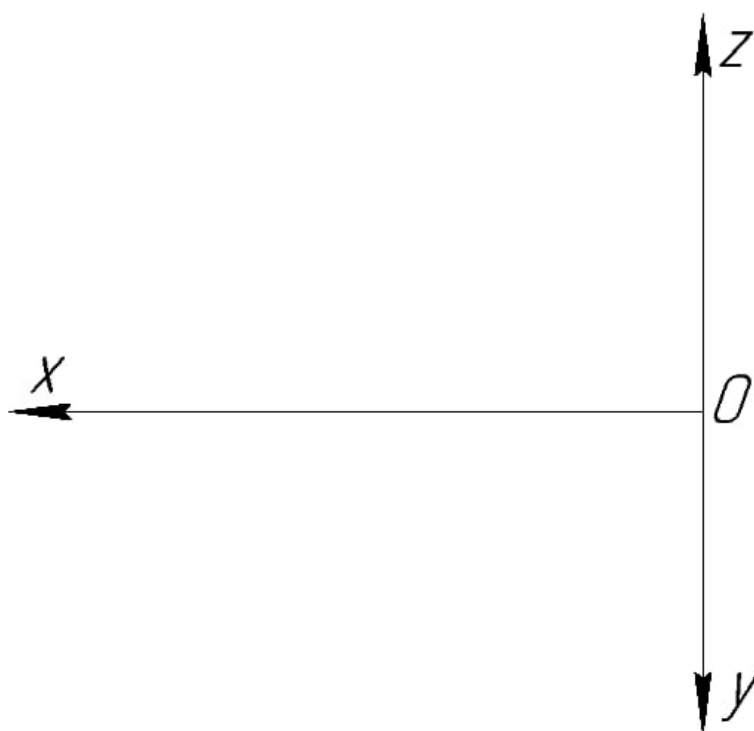


Berilgan koordinatalar bo'yicha ABC uchburchak tekisligining proektsiyalari qurilsin. A(20.30.40) B(60.40.60) C(80.10.20)

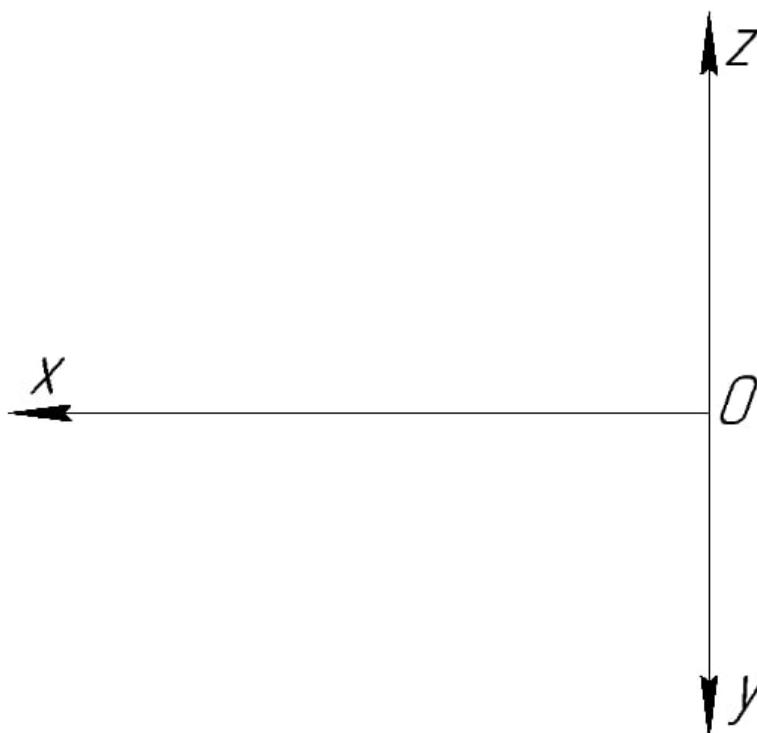


4-savol.

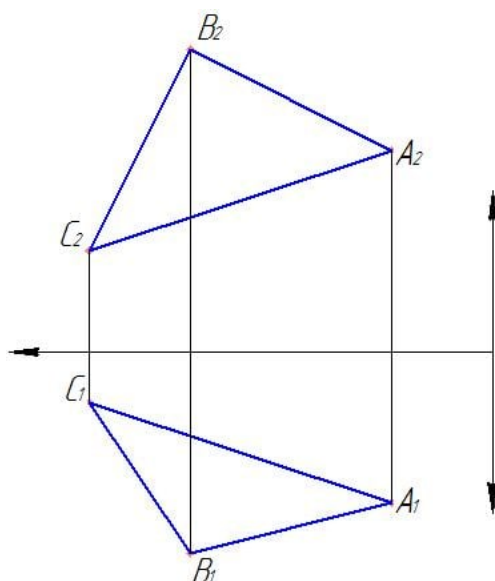
Berilgan koordinatalar bo'yicha AB to'g'ri chiziqning izlari qurilsin. $A(20.30.40)$
 $B(60.40.60)$



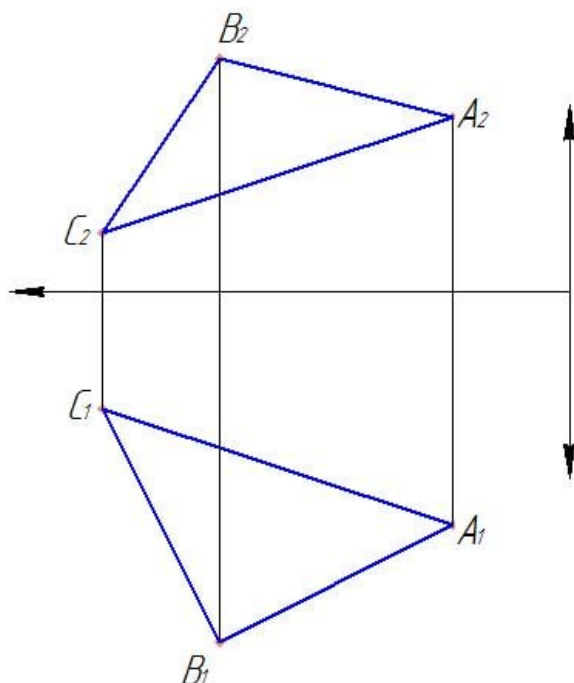
Berilgan koordinatalar bo'yicha AB to'g'ri chiziqning haqiqiy kattaligi aniqlansin.
 $A(20.30.40)$ $B(60.40.60)$



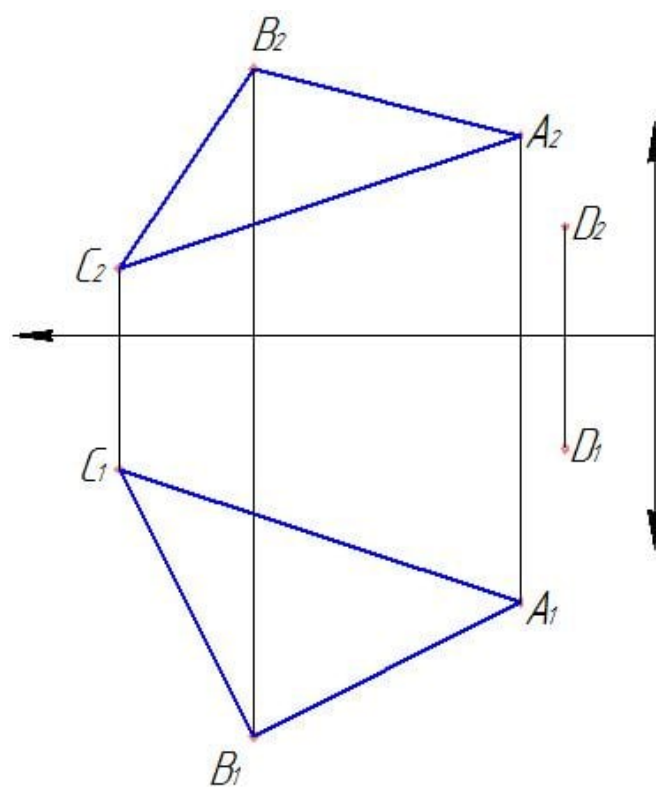
Berilgan ABC uchburchak tekisligining gorizontal chizig'i o'tkazilsin.



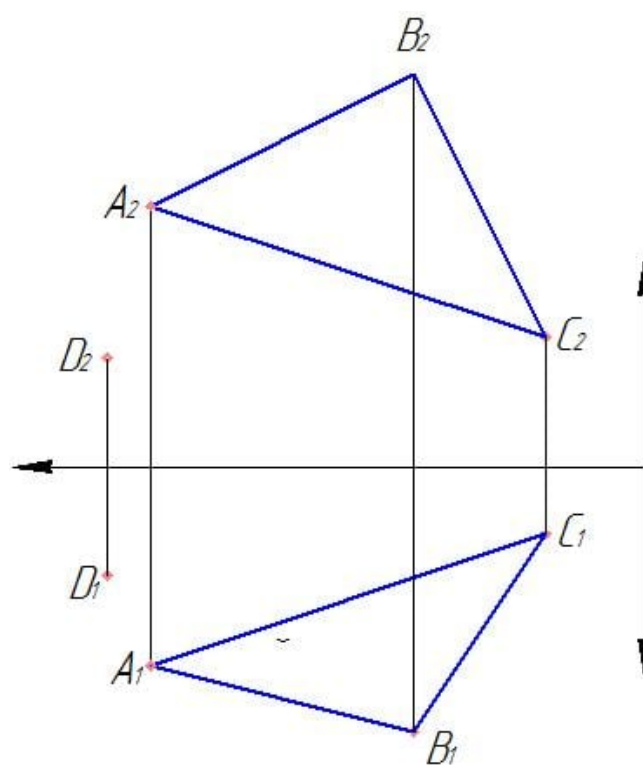
Berilgan ABC uchburchak tekisligining frontal chizig'i o'tkazilsin.



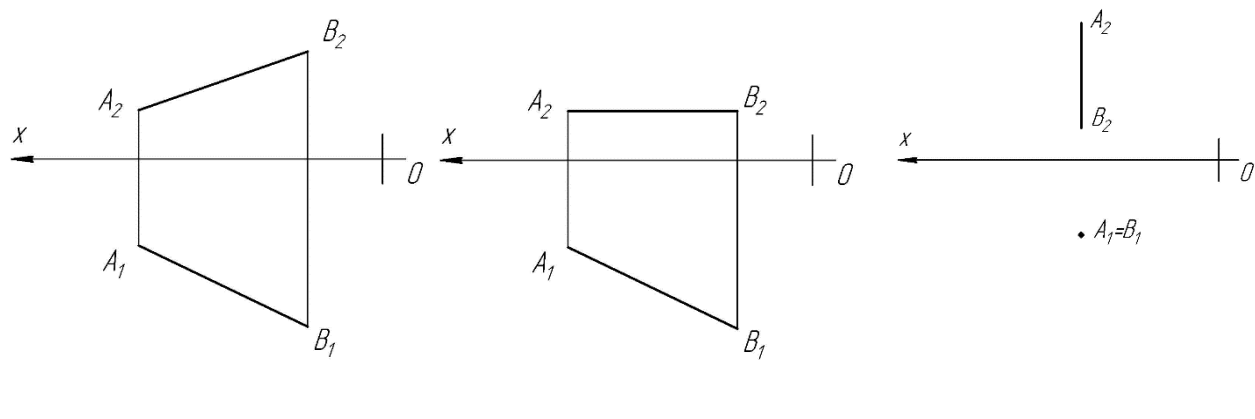
Berilgan D nuqta orqali ABC uchburchak tekisligiga parallel chiziq o'tkazilsin.



Berilgan D nuqtadan ABC uchburchak tekisligiga perpendikulyar chiziq tushirilsin



Shaklda qanday to'g'ri chiziqlar tasvirlangan?



5-savol.

Berilgan sirtning profil proyeksiyasi, kesim yuzasining proyeksiyalari va haqiqiy kattaligi aniqlansin.

