

**2021-2022 - O'QUV YILI UCHUN GEOMETRIYA FANIDAN**  
**TAQVIM-MAVZU REJA**  
**( haftasiga 2 soatdan, jami 68 soat )**

IX SINF			
Darslar tartibi	Mavzu nomi	Soat	Taqvimiy muddat
<b>I CHORAK</b>			
1-dars	8-sinf geometriya fanini takrorlash	1	
2-dars	8-sinf geometriya fanini takrorlash	1	
3-dars	8-sinf geometriya fanini takrorlash	1	
4-dars	Ko'pburchaklarning o'xshashligi	1	
5-dars	O'xshash uchburchaklar va ularning xossalari	1	
6-dars	Uchburchaklar o'xshashligining birinchi alomati	1	
7-dars	Uchburchaklar o'xshashligining ikkinchi alomati	1	
8-dars	Uchburchaklar o'xshashligining uchinchi alomati	1	
9-dars	To'g'ri burchakli uchburchaklarning o'xshashlik alomatlari	1	
10-dars	O'xshashlik alomatlarining isbotlashga doir masalalarga tatbi	1	
11-dars	Tekislikda geometrik almashtirishlar. Harakat va parallel ko'	1	
12-dars	O'qqa nisbatan simmetriya	1	
13-dars	Markaziy simmetriya va burish	1	
14-dars	Geometrik shakllarning o'xshashligi	1	
15-dars	O'xshash ko'pburchaklarning xossalari	1	
16-dars	Gomotetiya va o'xshashlik	1	
17-dars	<b>1-Nazorat ishi</b>	1	
18-dars	Xatolar ustida ishlash	1	
<b>II CHORAK</b>			
19-dars	0° dan 180° gacha bo'lgan burchakning sinusi, kosinusi, tang	1	
20-dars	Masalalar yechish	1	
21-dars	Uchburchak yuzini burchak sinusi yordamida hisoblash	1	
22-dars	Sinuslar teoremasi	1	
23-dars	Kosinuslar teoremasi	1	
24-dars	Masalalar yechish	1	
25-dars	Sinuslar va kosinuslar teoremlarining ba'zi tatbiqlari	1	
26-dars	Masalalar yechish	1	
27-dars	Ikki vektor orasidagi burchak va ularning skalar ko'paytmas	1	
28-dars	Masalalar yechish	1	
29-dars	Uchburchaklarni yechish	1	
30-dars	Bobni takrorlashga doir mashqlar	1	
31-dars	<b>2-Nazorat ishi</b>	1	
32-dars	Xatolar ustida ishlash	1	
<b>III CHORAK</b>			
33-dars	Aylanaga ichki chizilgan ko'pburchak	1	
34-dars	Masalalar yechish	1	
35-dars	Aylanaga tashqi chizilgan ko'pburchak	1	

36-dars	Masalalar yechish	1	
37-dars	Muntazam ko'pburchaklar	1	
38-dars	Muntazam ko'pburchakka ichki va tashqi chizilgan aylanalar	1	
39-dars	Masalalar yechish	1	
40-dars	Muntazam ko'pburchakning tomoni bilan tashqi va ichki chizilgan aylanalar	1	
41-dars	Masalalar yechish	1	
42-dars	<b>3-Nazorat ishi</b>	1	
43-dars	Aylana uzunligi	1	
44-dars	Masalalar yechish	1	
45-dars	Aylana yoyi uzunligi. Burchakning radian o'lchovi	1	
46-dars	Masalalar yechish	1	
47-dars	Doira yuzi	1	
48-dars	Masalalar yechish	1	
49-dars	Doira bo'laklari yuzi	1	
50-dars	Bobni takrorlashga doir mashqlar	1	
51-dars	<b>4-Nazorat ishi</b>	1	
52-dars	Xatolar ustida ishlash	1	
<b>IV CHORAK</b>			
53-dars	Kesmalar proyeksiyasi va proporsionallik	1	
54-dars	Masalalar yechish	1	
55-dars	Proporsional kesmalarning xossalari	1	
56-dars	Masalalar yechish	1	
57-dars	To'g'ri burchakli uchburchakdagi proporsional kesmalar	1	
58-dars	Masalalar yechish	1	
59-dars	Berilgan ikkita kesmaga o'rta proporsional kesmani yasash	1	
60-dars	Masalalar yechish	1	
61-dars	Aylanadagi proporsional kesmalar	1	
62-dars	Masalalar yechish	1	
63-dars	Bobni takrorlashga doir mashqlar	1	
64-dars	<b>5-Nazorat ishi</b>	1	
65-dars	Xatolar ustida ishlash	1	
66-dars	Takrorlash	1	
67-dars	Takrorlash	1	
68-dars	<b>Yakunlovchi dars</b>	1	