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N. Ibragimova

TEXNOLOGIYA

Umumiy o'rta ta'lif muktabalarining
1-sinfi uchun darslik

Qayta ishlangan va to'ldirilgan
uchinchchi nashri

O'zbekiston Respublikasi
Xalq ta'lifi vazirligi tomonidan
tasdiqlangan

«O'zbekiston milliy ensiklopediyasi»
Davlat ilmiy nashriyoti
Toshkent – 2017

UO'T: 37.035.3:371.381=512.133(075.2)

KBT 74.263

M 24

Taqrizchilar:

- Z. Shamsiyeva – Respublika ta'lim markazi bo'lim boshlig'i;
M. Po'latova – Toshkent shahridagi 144-umumiy o'rta ta'lim məktəbinining mehnat ta'limi o'qituvchisi;
D. Karimova – Buxoro shahridagi 18-umumiy o'rta ta'lim məktəbinining mehnat ta'limi o'qituvchisi.

SHARTLI BELGILAR:



– dars;



– ko'ramiz, tanlaymiz;



– ishlashni o'rganamiz;



– o'ylab topamiz.

Mannopova I.

M 24 Texnologiya: 1-sinf uchun darslik / I. Mannopova, R. Mavlanova, N. Ibragimova. – Toshkent: «O'zbekiston milliy ensiklopediyasi» Davlat ilmiy nashriyoti, 2017. – 80 bet.

UO'T: 37.035.3:371.381=512.133(075.2)

KBT 74.263

Respublika maqsadli kitob jamg'armasi mablag'lari hisobidan chop etildi.

ISBN 978-9943-07-516-0

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Davlat ilmiy nashriyoti, 2015, 2017.

BUYUMLAR YASASHNI O'RGANAMIZ



Karton va rangli qog'oz bilan ishlash



Tabiiy va turli materiallar bilan ishlash



Badiiy qurish-yasash va texnik model-lashtirish

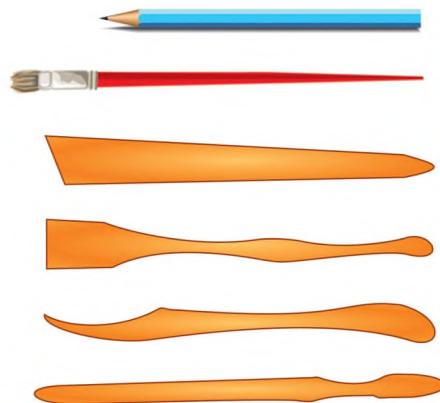
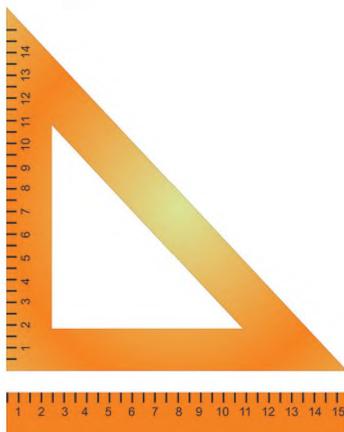


TEXNOLOGIYA DARSIDA ISHLATILADIGAN ASHYOLAR





TEXNOLOGIYA DARSIDA XAVFSIZ MEHNAT USULLARI VA O'QUV QUROLLARI



Ish stoli



QAYCHI BILAN ISHLASHDA XAVFSIZLIK TEXNIKASI

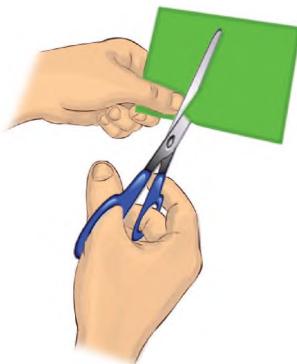
Qaychini ochiq qoldirmang!



Qaychini ushlaydigan tomoni bilan
bering!



Qaychini emas, qog'ozni aylantirib
qirqing.

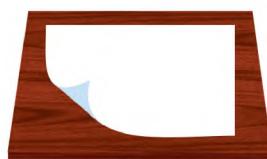




YELIM BILAN ISHLASH QOIDASI



Yelimni o'rtadan chetga qarab surting.



Ortiqcha yelimni artib oling. Ustiga narsa qo'yib quriting.



Mo'yqalamni ishlatib bo'lgach, yuvib qo'ying. Yelim idishni yopiq holda saqlang.



QOG'ÖZ VA UNING TURLARI



Yozuv qog'ozi.



Gazeta qog'ozi.



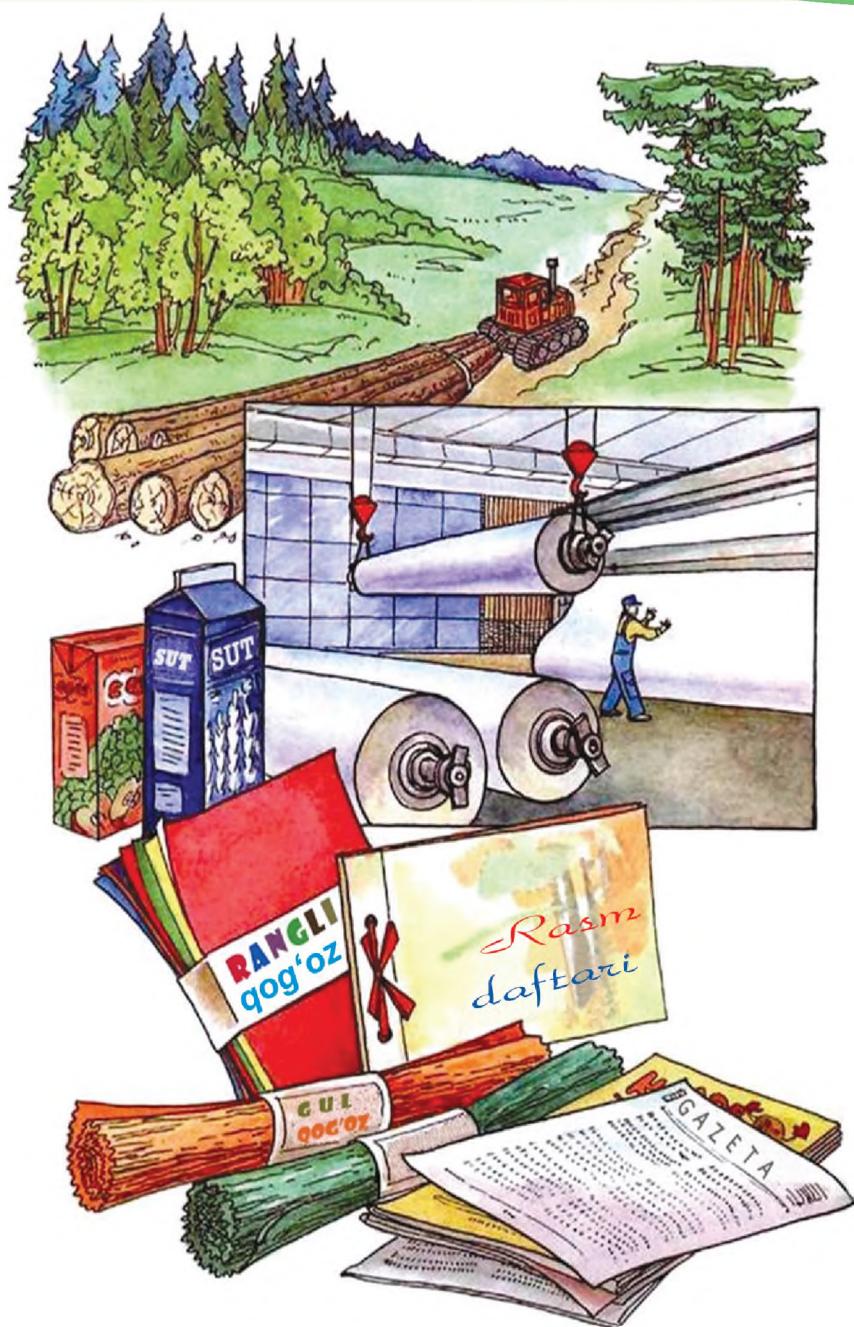
Karton.



Rasm qog'ozi.

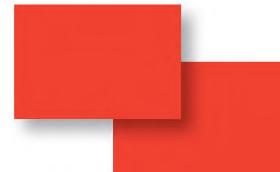


Sovg'ani qadoqlaydigan qog'oz.



QOG'ONI BUKLASH USULLARI

1



Buklang.

Qirqing.

2



Buklang.

Qirqing.

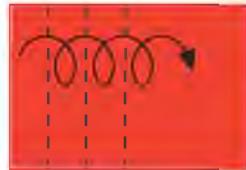
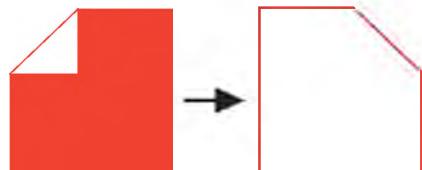
3



Buklang.

Qirqing.

4

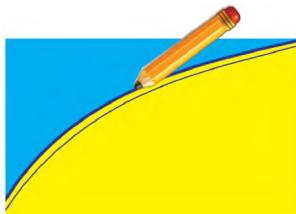


Buklang.

O'rang.



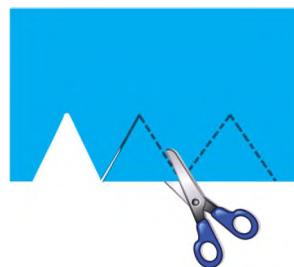
QOG'ÖZ BILAN ISHLASH



Andaza asosida belgilash.



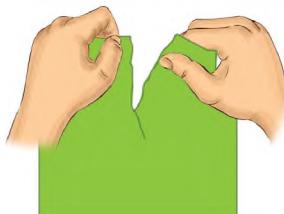
Qirqish.



Qirqib olish.



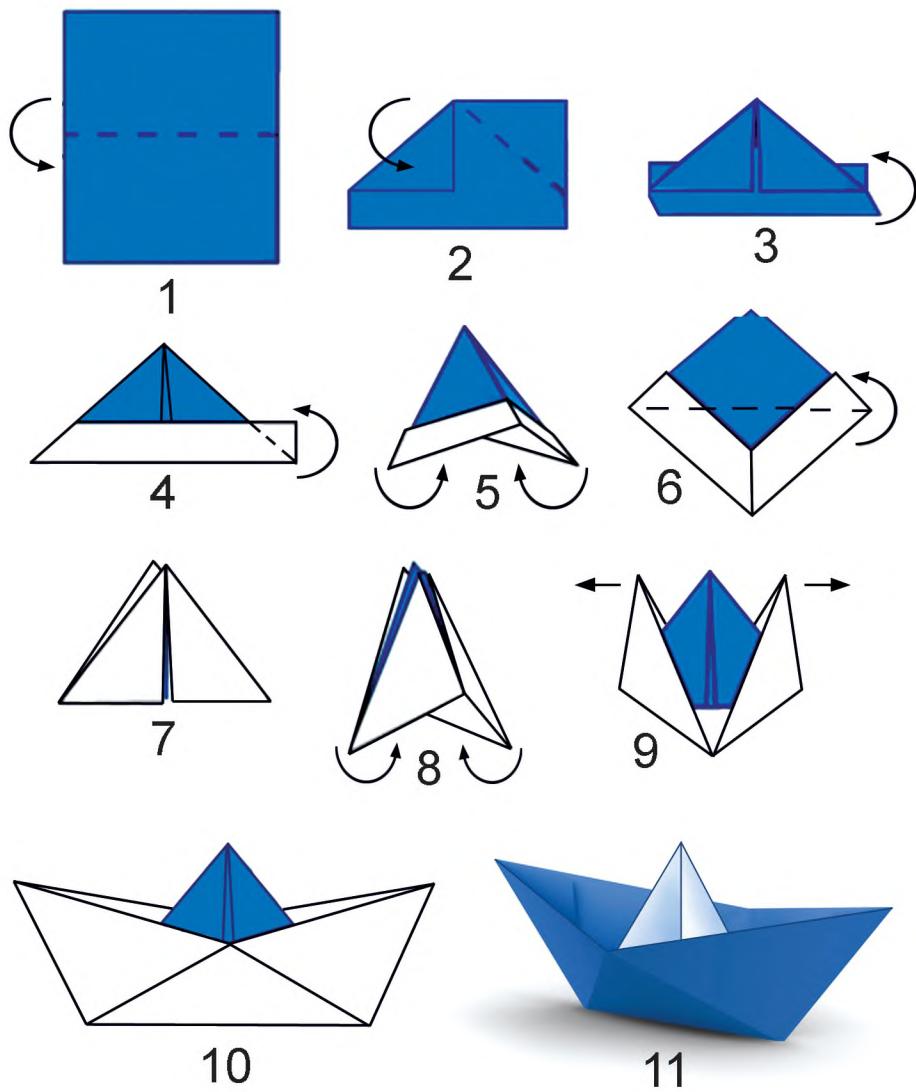
O'rash.



Yirtish.



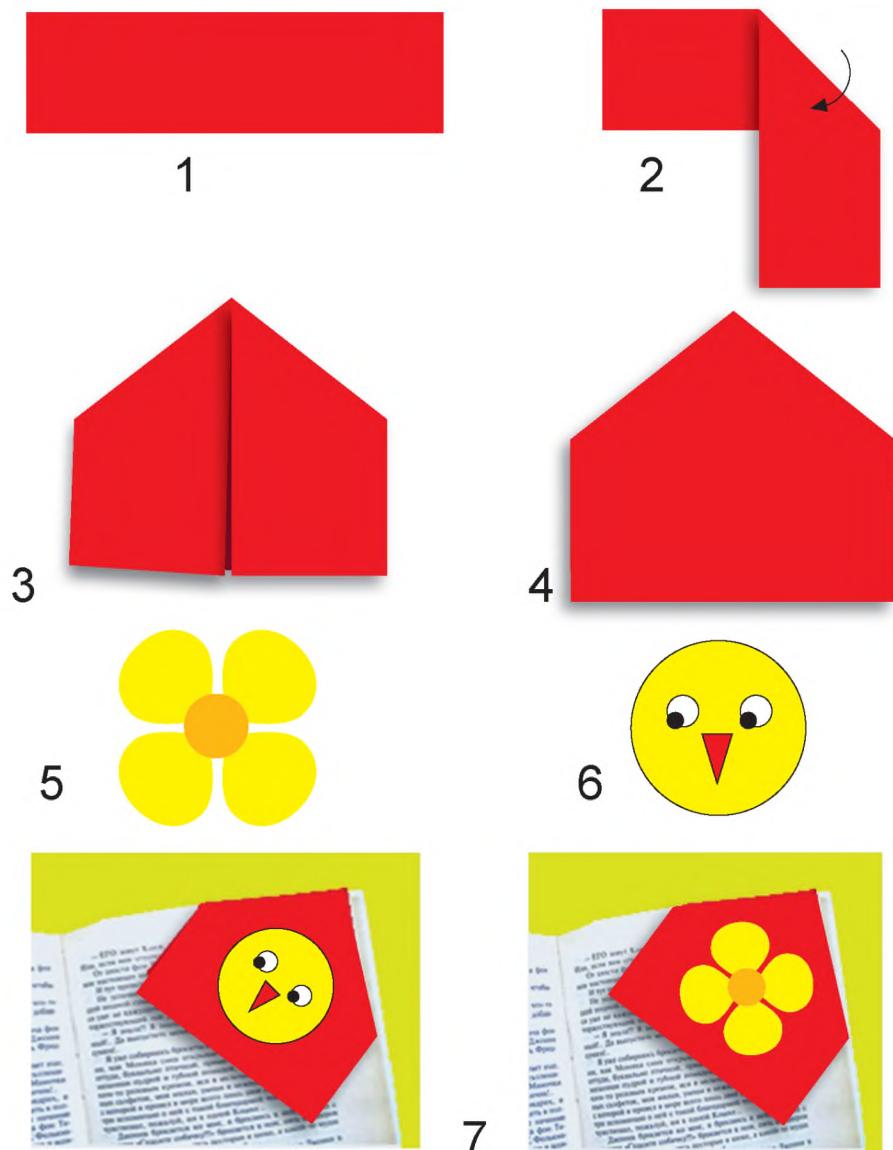
QAYIQCHA YASASH





KITOB UCHUN XATCHO'P YASASH

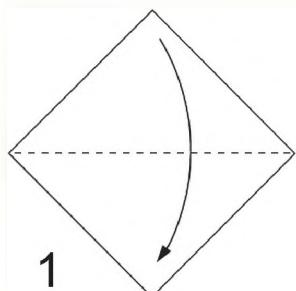




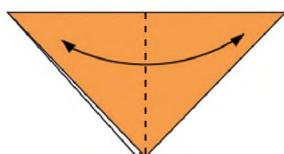
Xatcho'p nima maqsadda yasaladi? U Sizga nima uchun kerak bo'ladi?



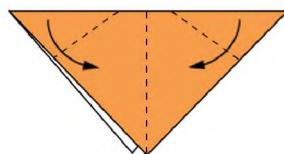
QOG'ONI BUKLASH ORQALI HAYVONLAR SHAKLINI YASASH



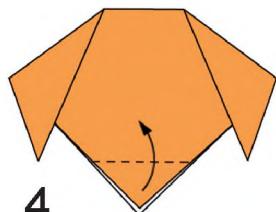
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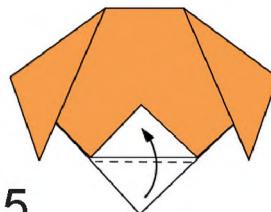
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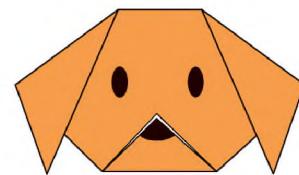
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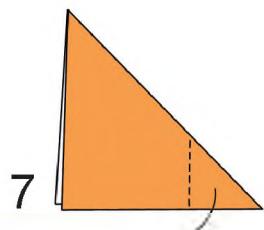
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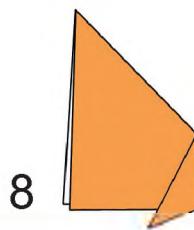
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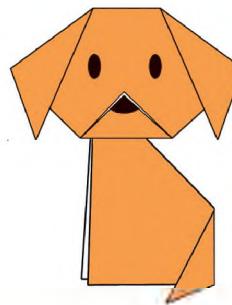
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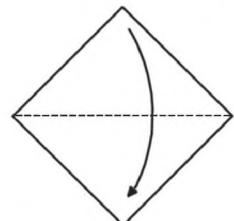
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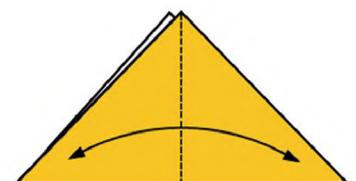
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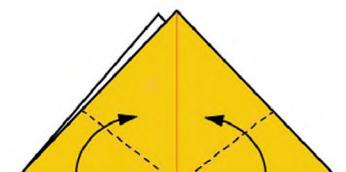
MUSHUKCHA YASASH



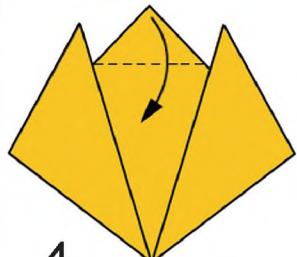
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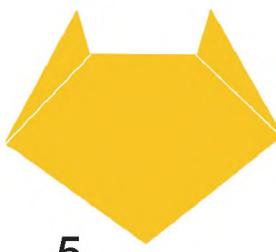
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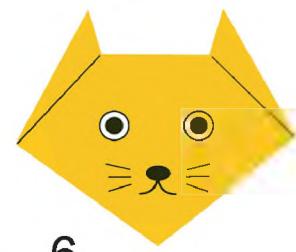
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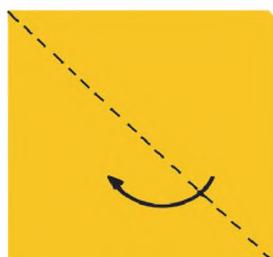
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5



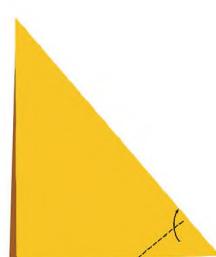
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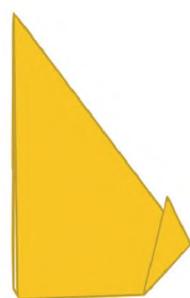
7



8



9



10



11



TABIY MATERIALLAR HAQIDA TUSHUNCHA

Barg bilan ishlash

To'kilgan barglarni terib oling.



Ustiga narsa qo'yib quriting.



Barg bilan rasmda ko'rsatilgan tartibda ishlang.



1



2



3



4



5





OLTIN KUZ MANZARASINI TASVIRLASH





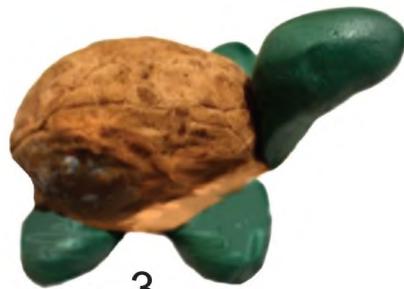
TABIY VA TURLI MATERIALLARDAN JONIVORLAR SHAKLINI YASASH



1



2



3

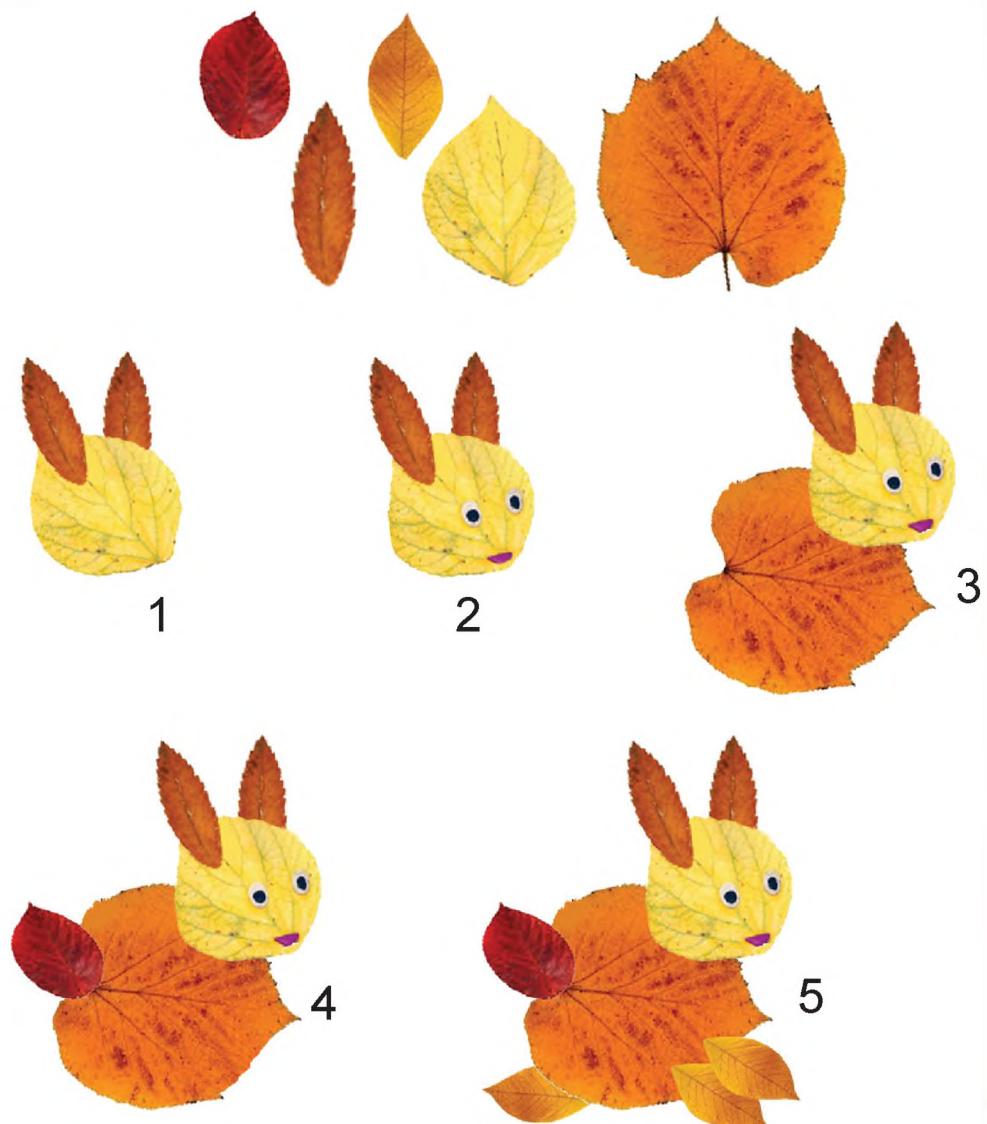




O'ZINGIZ YASANG



TABIİY MATERİALLARDAN HAYVONLAR ŞAKLINI YASASH



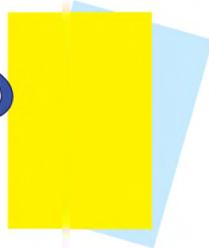


Solishtiring





TABIİY MATERİALLARDAN QUSHCHA SHAKLINI YASASH



1



2



3

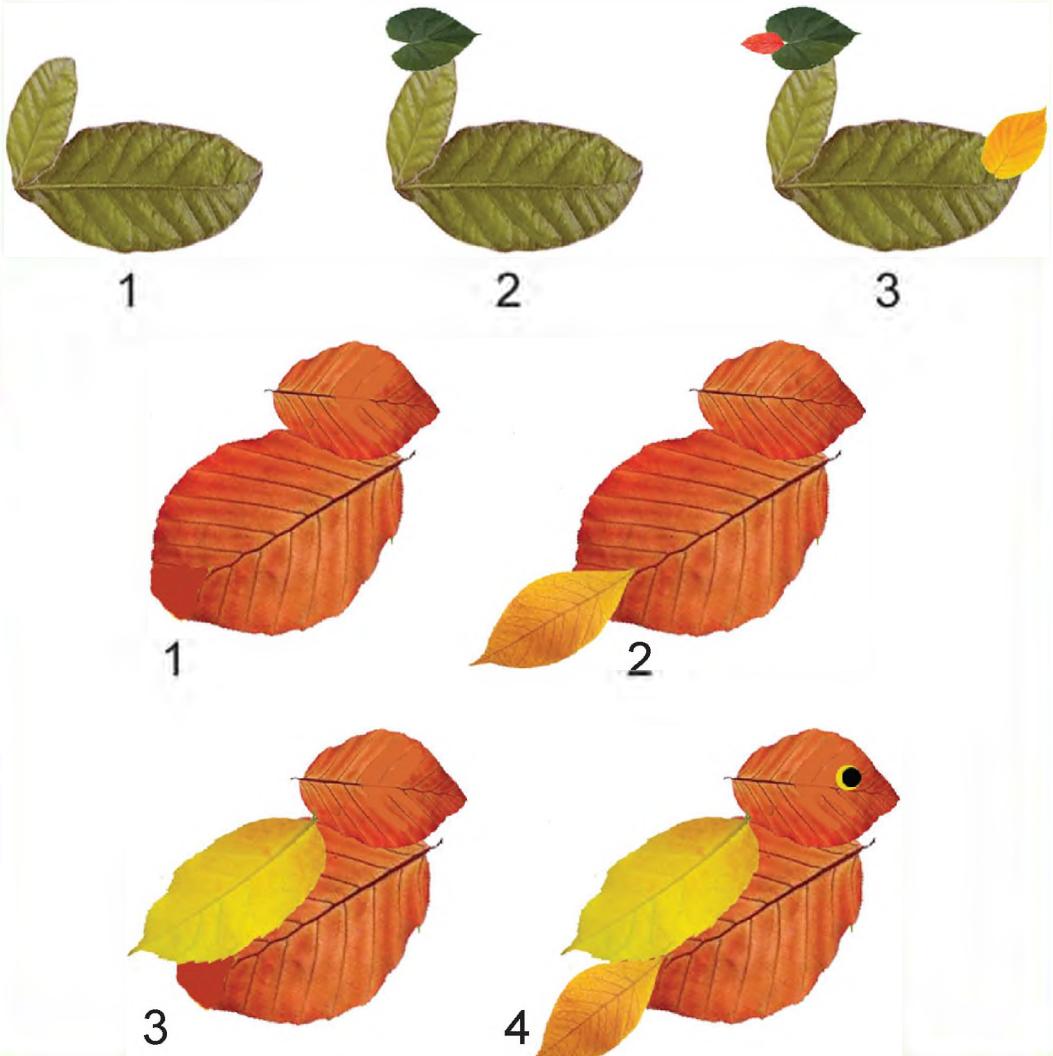


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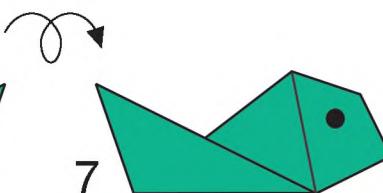
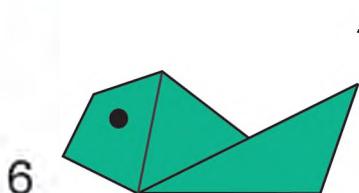
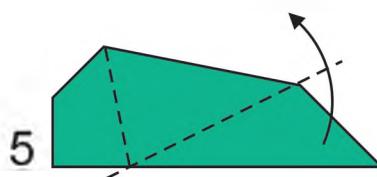
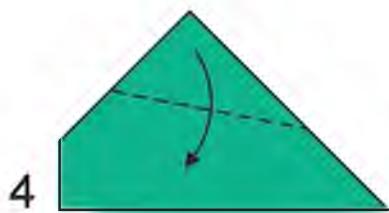
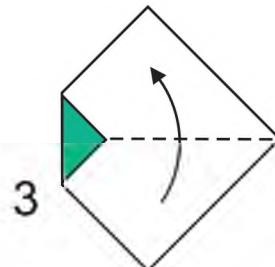
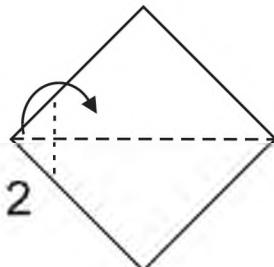
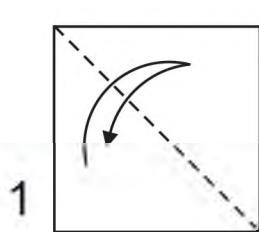
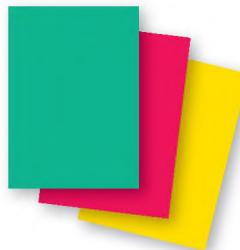
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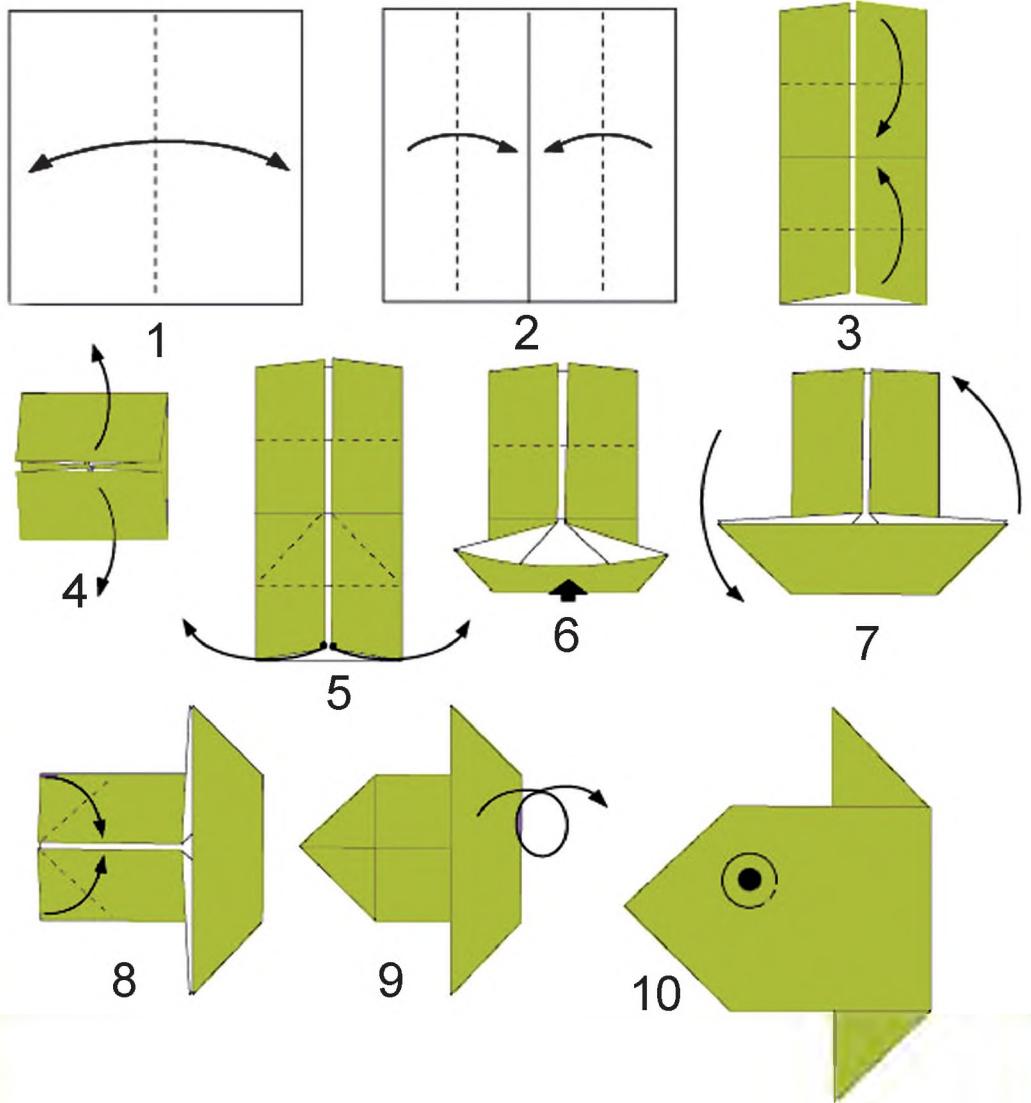
TABIIY MATERIALLARDAN PARRANDALAR SHAKLINI YASASH





BALIQCHA YASASH





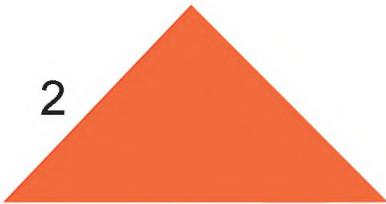


TULKI SHAKLINI YASASH

1



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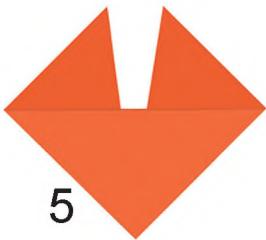
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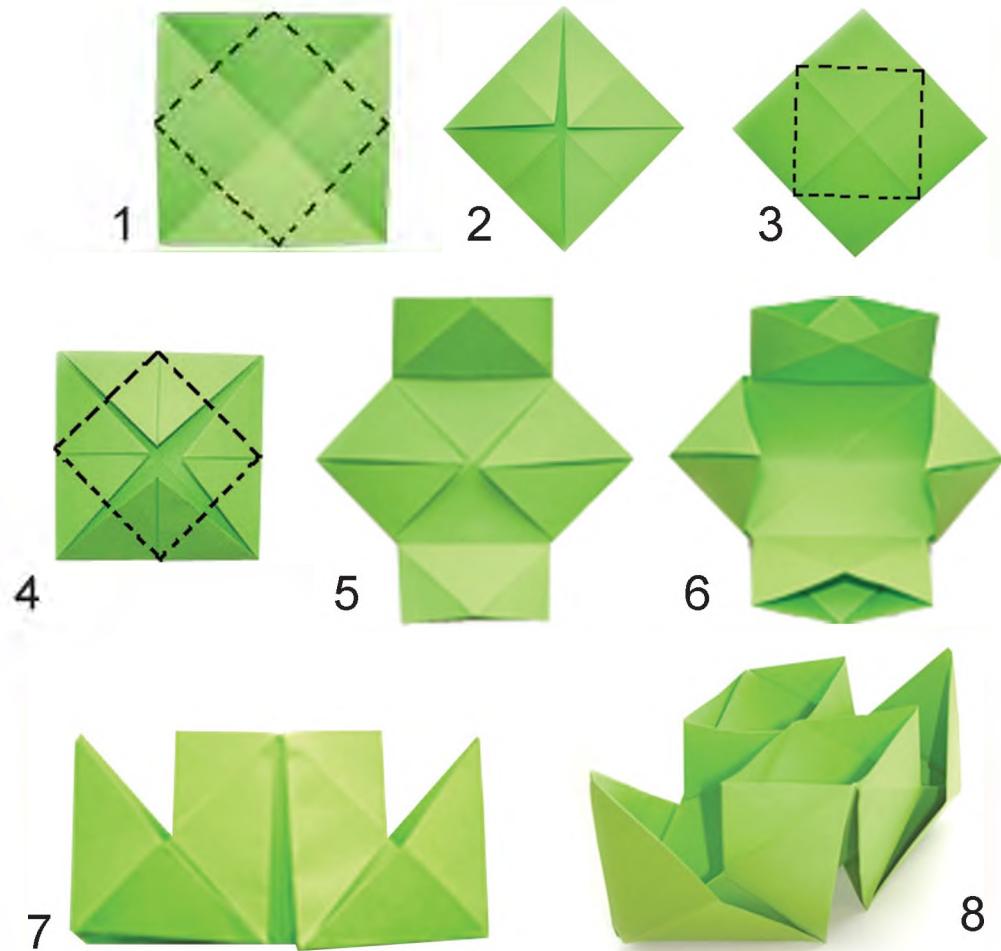


9





KEMACHA YASASH

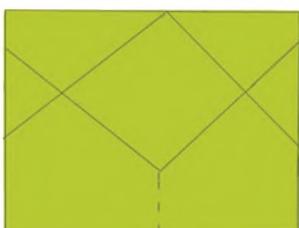


Yasagan kemangizdan Siz qanday foydalamanmoqchisiz? Uni kimga sovg'a qilish mumkin?

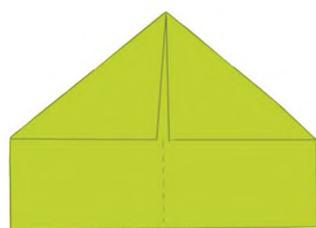


UCHUVCHI PLANER YASASH

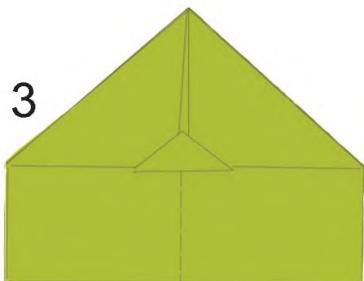
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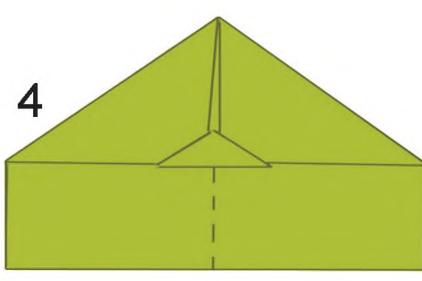
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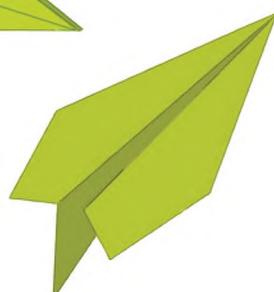
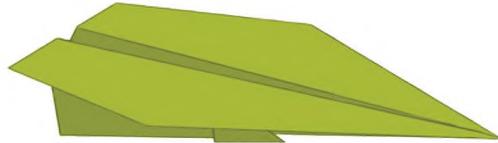
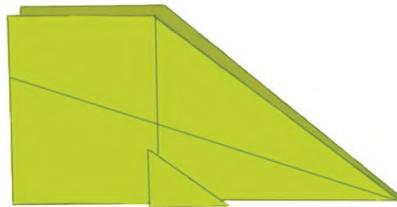
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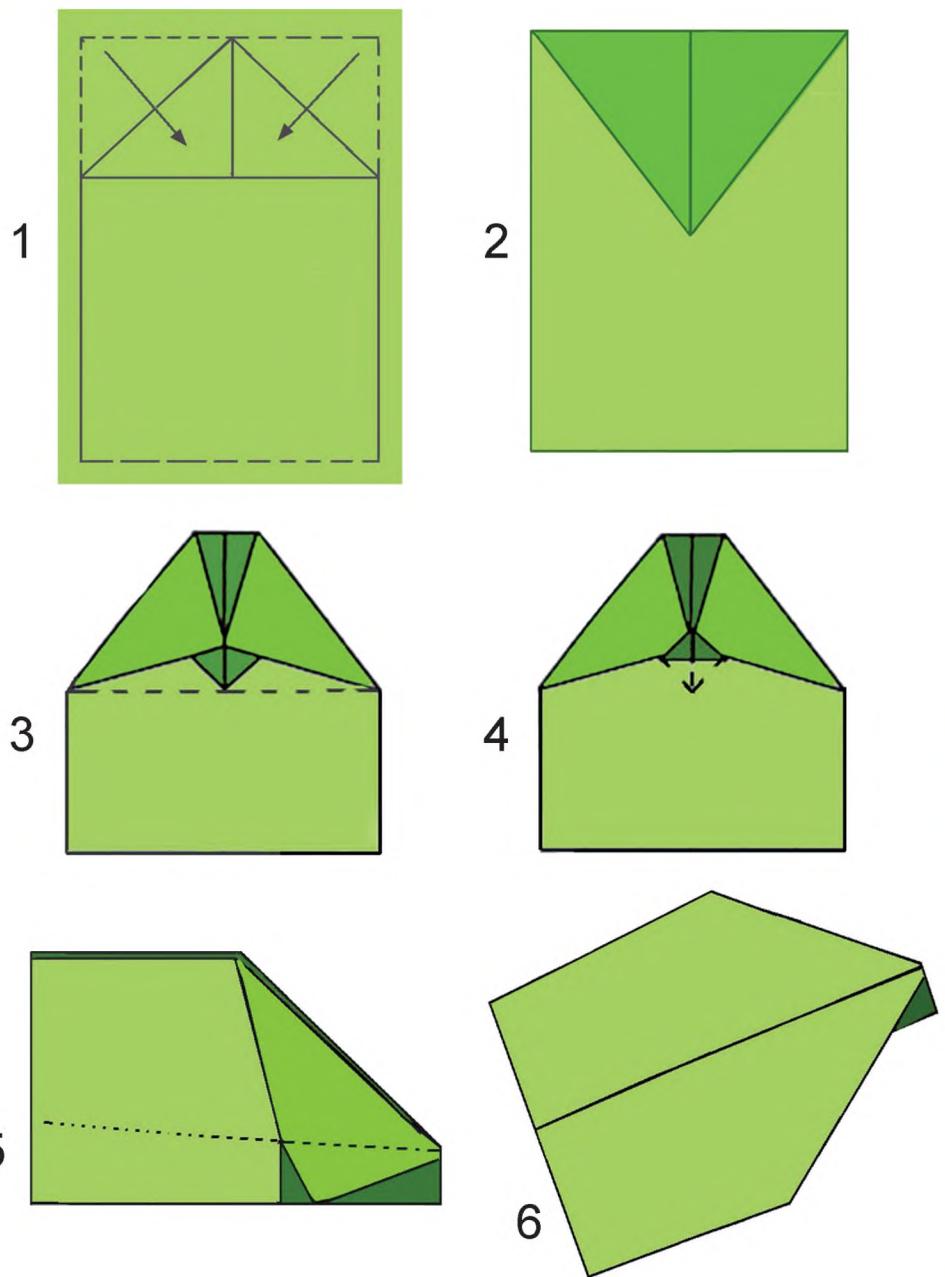


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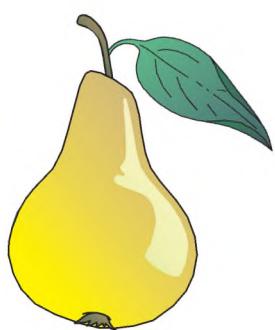
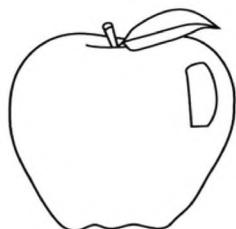
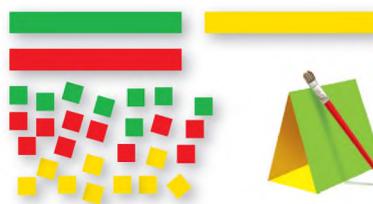
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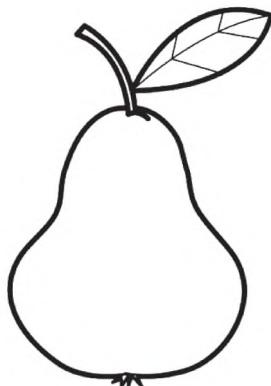
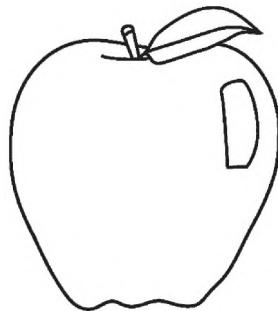


MAYDALANGAN RANGLI QOG'ÖZLARDAN MOZAIKA USULIDA MEVALAR SHAKLINI YASASH



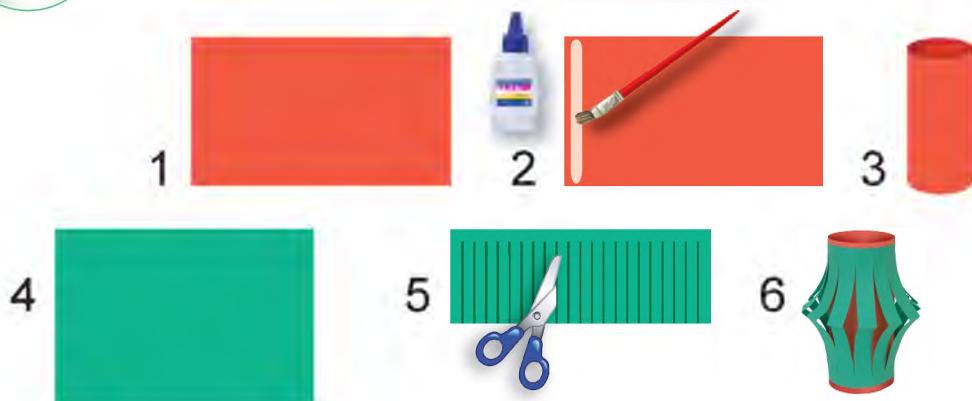


Salfetka qog'ozini mayda qilib qirqib, dumaloq shaklga keltiring va uni chizib olgan andazangiz ustiga bir tekisda yopishtiring.

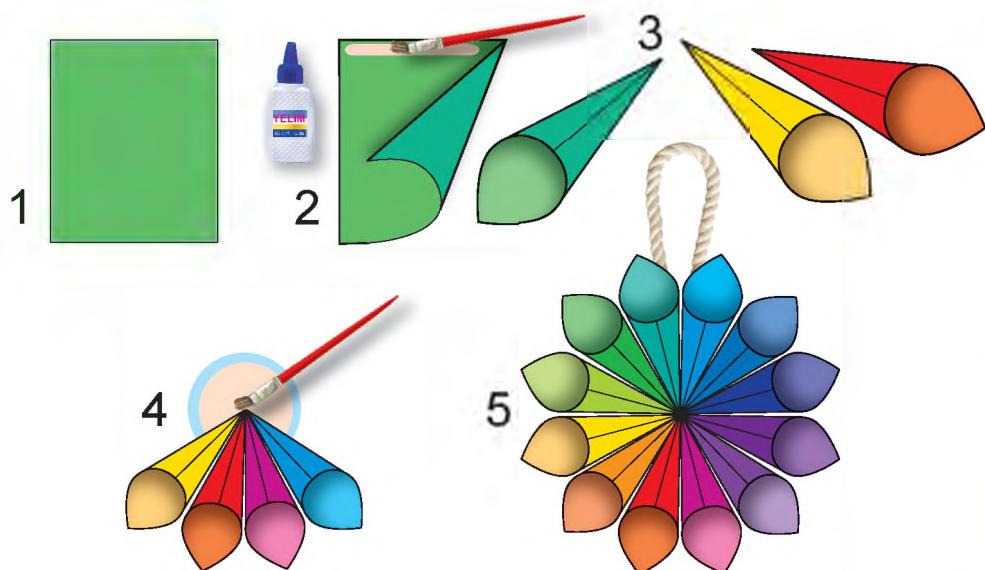




ARCHA O'YINCHOQLARINI YASASH



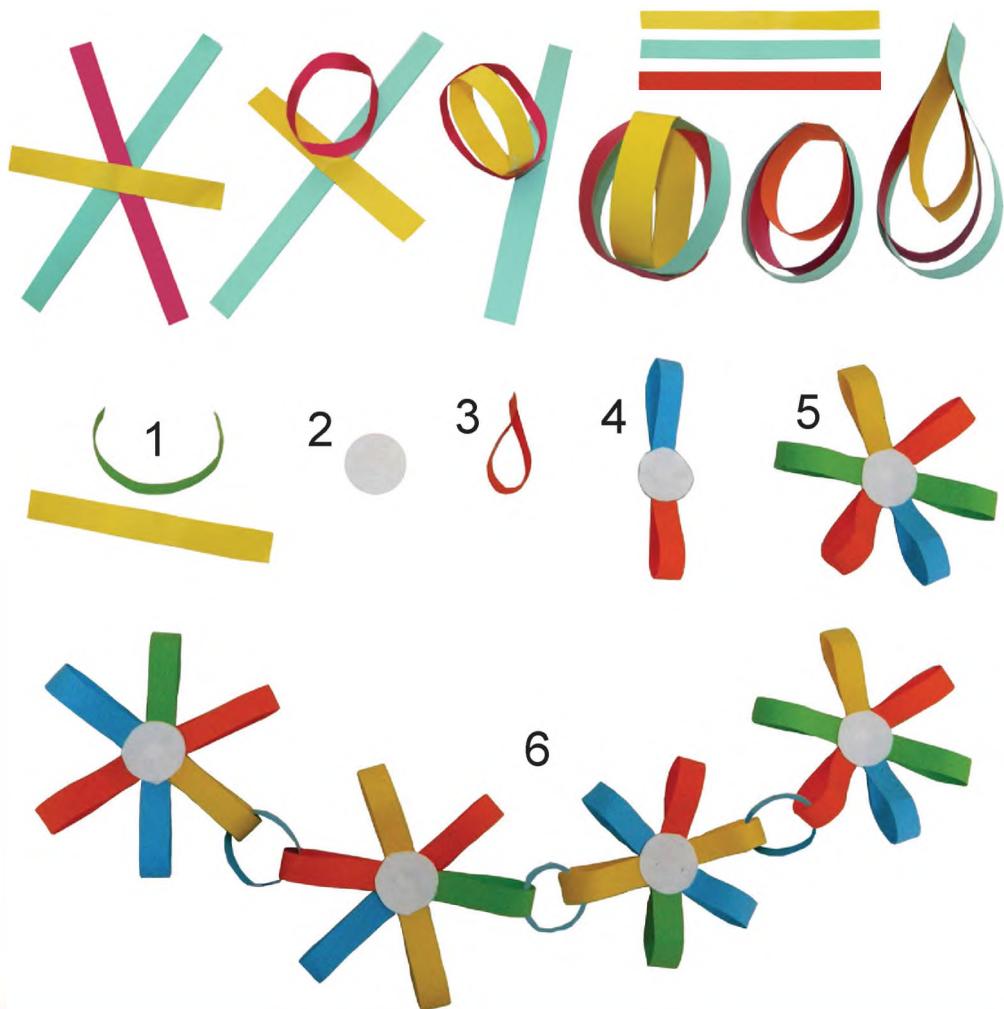
Archani qog'ozdan yasalgan turli o'yinchoqlar bilan bezatish mumkin.

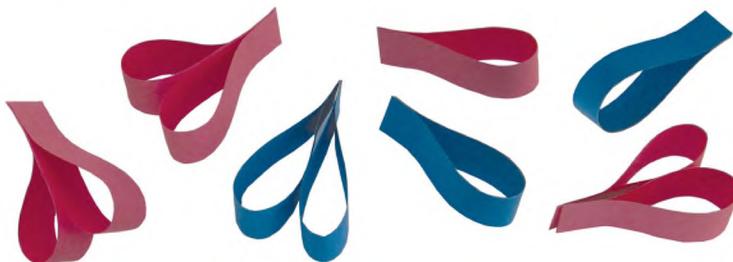
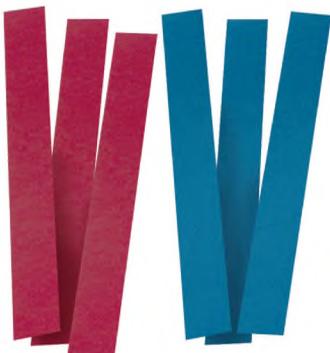
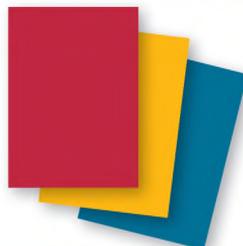




O'ZINGIZ ARCHA UCHUN BEZAKLAR YASANG

Rangli qog'ozlardan tasmalar tayyorlab oling. Rasmga qarab yopishtiring.



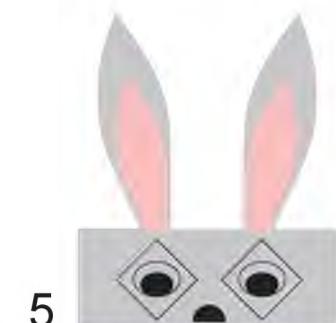
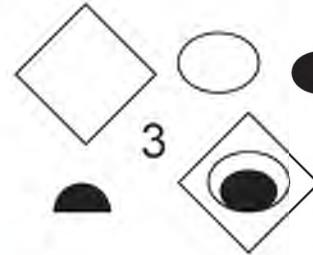
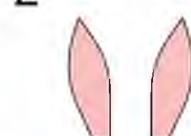
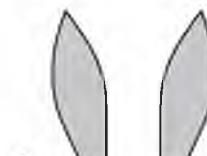
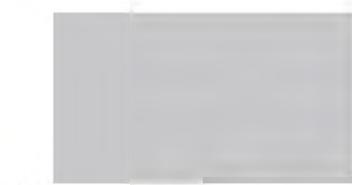


Archa o'yinchog'ining yasalish ketma-ketligini ko'rib chiqing. Qanday qirqilishi va yopishtirilishiga e'tibor bering.



BAYRAM NIQOBLARI

Quyon niqobini yasash

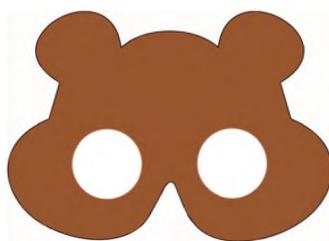




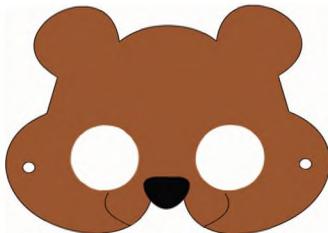
Ayiq niqobini yasash



Qog'ozni ikkiga buklab, andaza asosida ayiqning bosh qismini chizib oling.



Chiziq bo'ylab qirqing. Orasini oching, qalamda qoshlari va tumshug'ini chizib bo'yang.

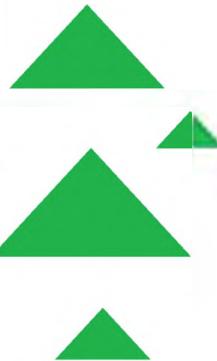
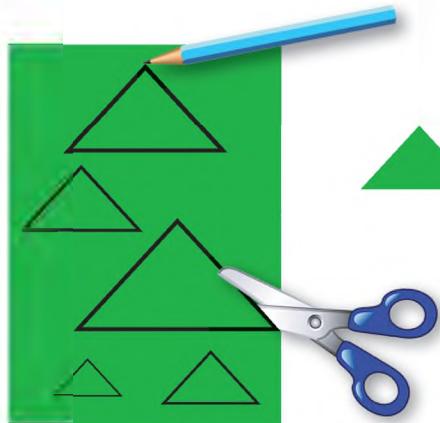




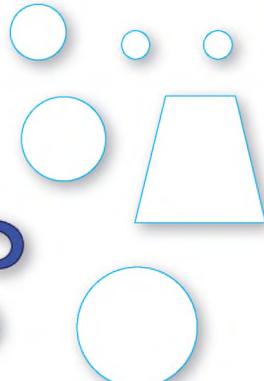
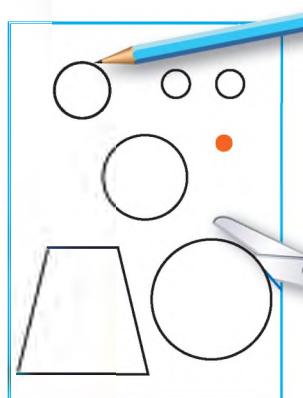
QISH MANZARASINI APPLIKATSIYA USULIDA ISHLASH

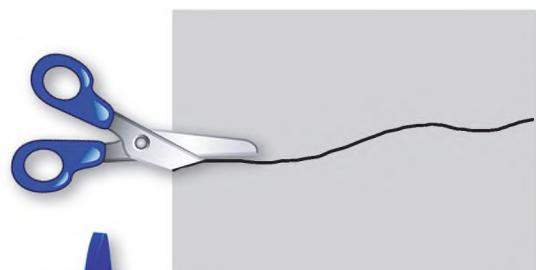
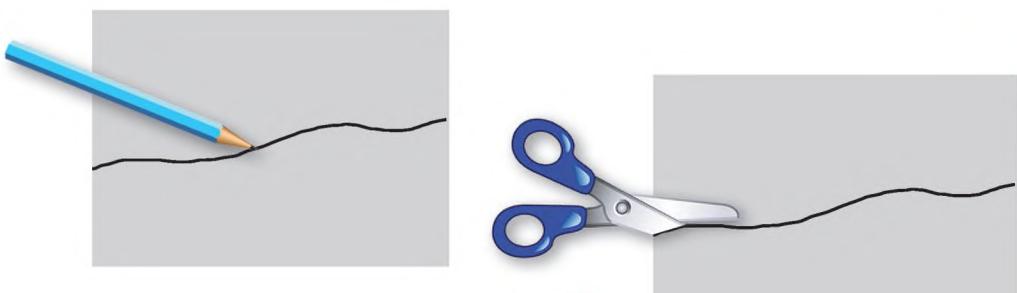


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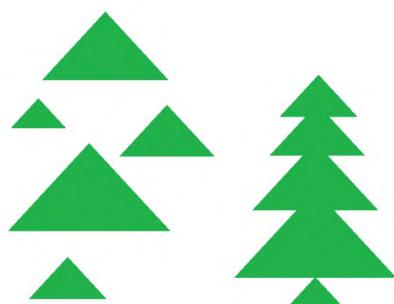


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PLASTILIN VA LOY BILAN ISHLASH QOIDALARI

Sizga kerak bo'ladi



plastilin



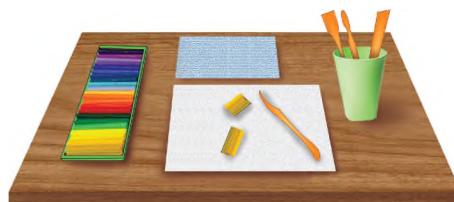
taxtacha



ho'l latta



stek



Ish stolini tartibli saqlang.
Ish quollarini yana o'z joyiga qo'ying.

Plastilin bilan ishlash



Uzunchoq, dumaloq va yapaloq
shakllarni yasash.



Surkash.



Silliqlash.

PLASTILINDAN MUSHUK SHAKLINI YASASH



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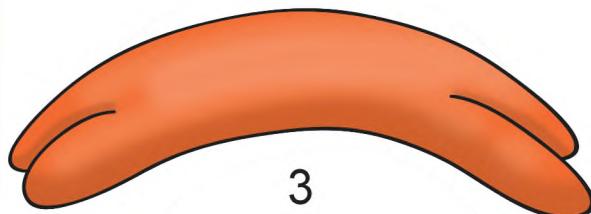
PLASTILINDAN OT SHAKLINI YASASH



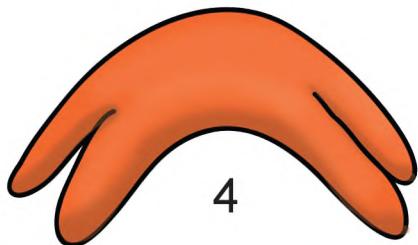
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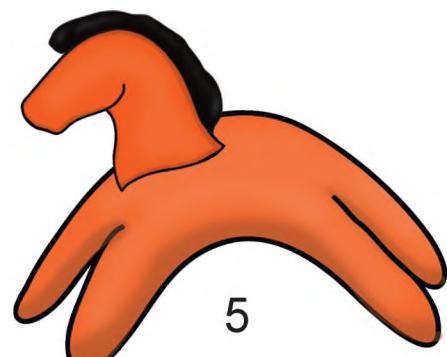
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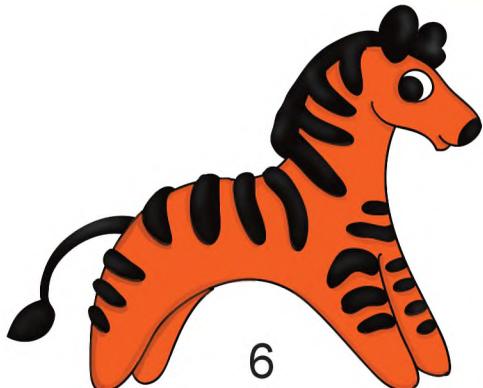
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CHOYGUM YASASH



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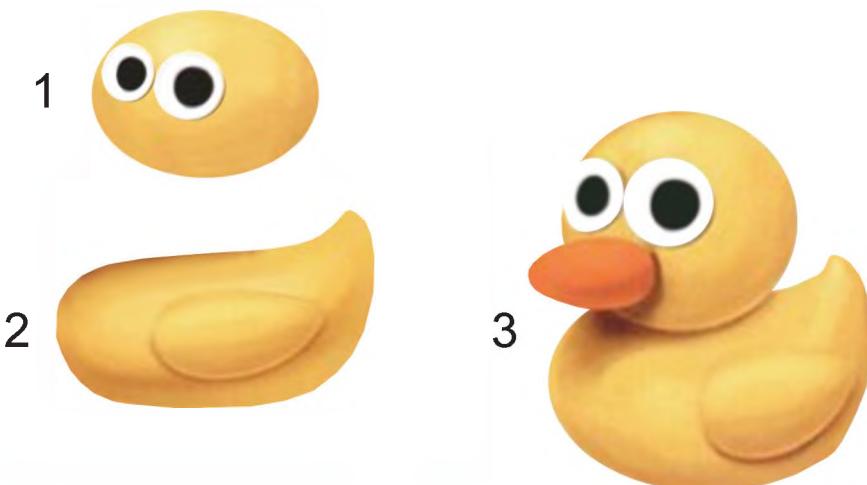
9

O'RDAKCHA SHAKLINI YASASH

Rasmda ko'rsatilgan shakllarni yasang:



Shakllarni biriktiring:





PAZANDACHILIKDA ISHLATILADIGAN JIHOZLAR



O'qlov



Elak



Jo'va



Qoliplar



Keskich



Suzgich



Kapgir



Qozon



Cho'mich



Novvoy – non mahsulotlarini pishiruvchi kasb egasi.



Qandolatchi – qandolat mahsulotlarini pishiruvchi kasb egasi.



Oshpaz – turli xil shirin taomlarni pishiruvchi kasb egasi.

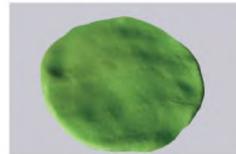
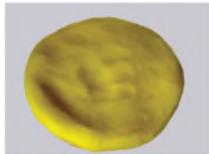


PAZANDACHILIKDA ISHLATILADIGAN MAHSULOTLAR



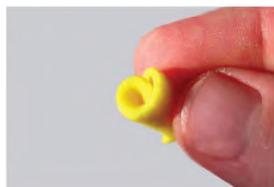
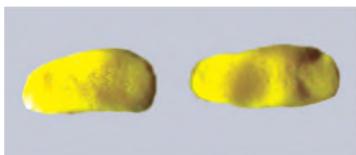


TORT YASASH

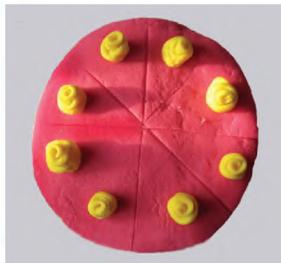


Uch xil rangdagi plastilindan sharcha yasab, kaftingiz bilan ezing.

Ezganingizda sharchaning tepe qismi yumaloqligicha qolishiga ahamiyat bering.

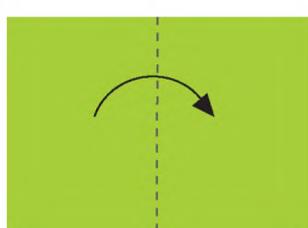


Tayyorlangan shakllarni ustma-ust joylashtiring. Tortning ustini har xil bezaklar bilan bezating.





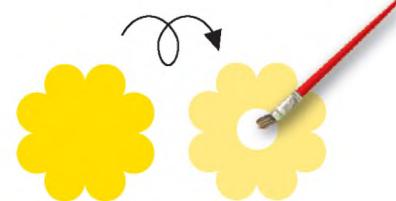
8-MART BAYRAMIGA TABRIKNOMA TAYYORLASH



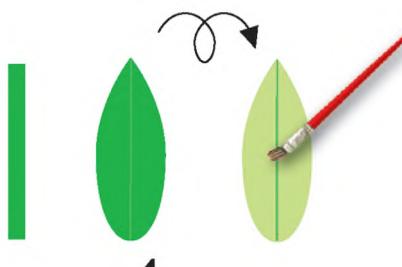
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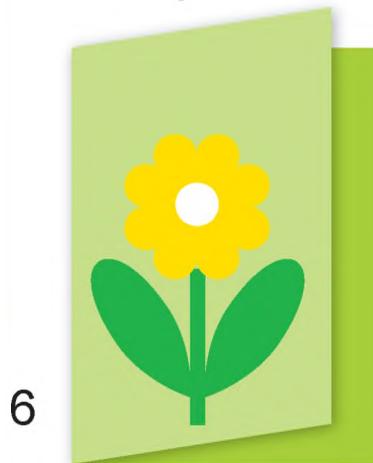
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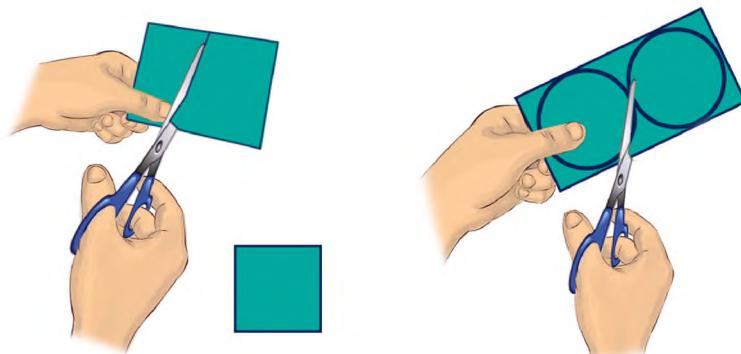
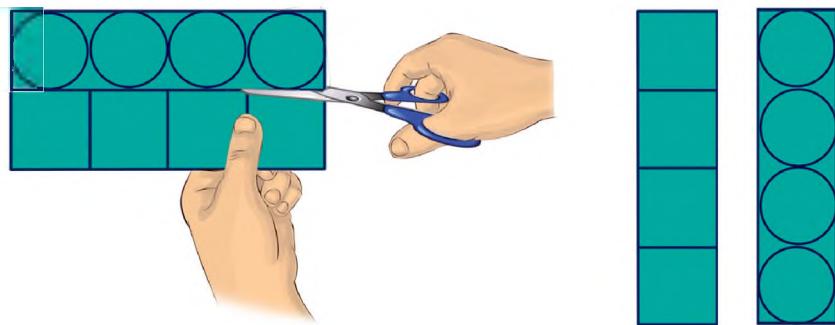
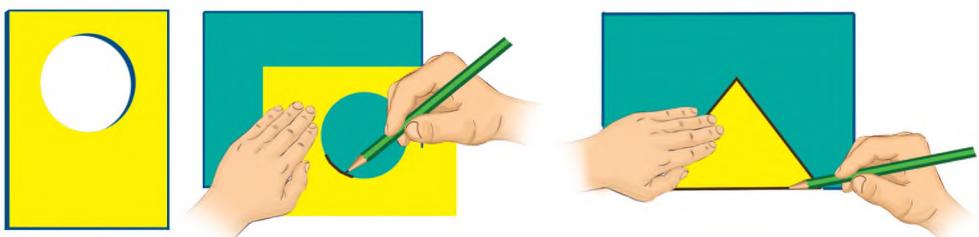


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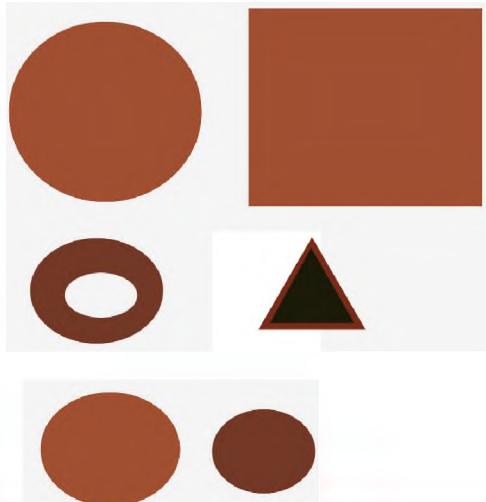
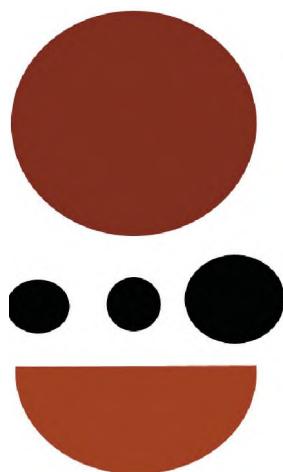
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ANDAZA ASOSIDA GEOMETRIK SHAKLLARNI TAYYORLASH





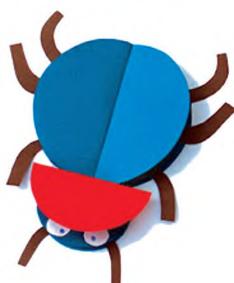
GEOMETRIK SHAKLDAGI QOG'OZLARDAN HAR XIL HAYVONLAR SHAKLINI YASASH





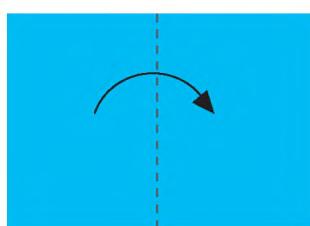
HAYVON TASVIRLARINI KUZATING VA YASAB KO'RING

Rasmda qanday hayvonlar tasvirlangan?
Ularni yasash uchun Siz qanday shakldagi
qog'ozlardan foydalanishingiz lozim?





NAVRO'Z BAYRAMIGA TABRIKNOMA TAYYORLASH



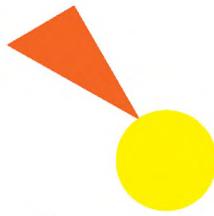
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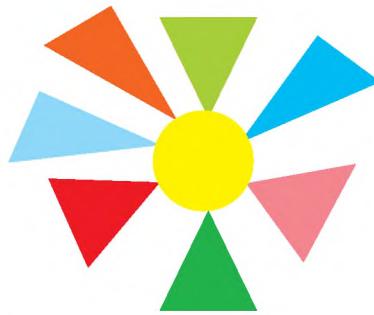
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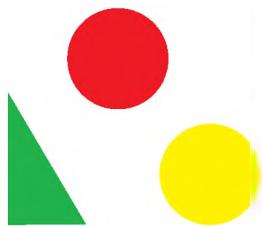


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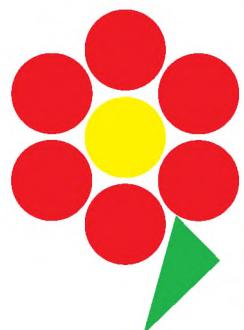


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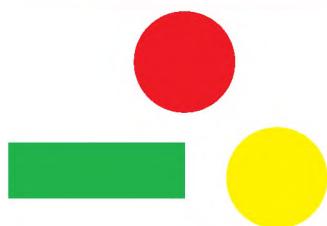
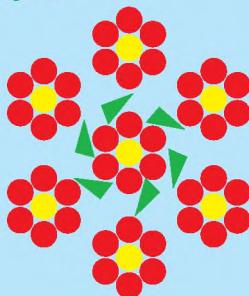
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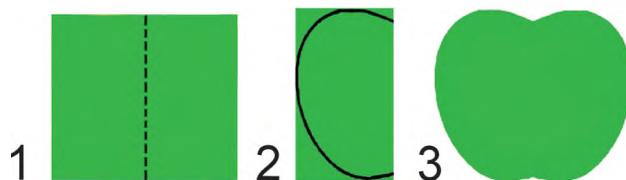
Bahor
bayrami bilan
tabriklaymiz !



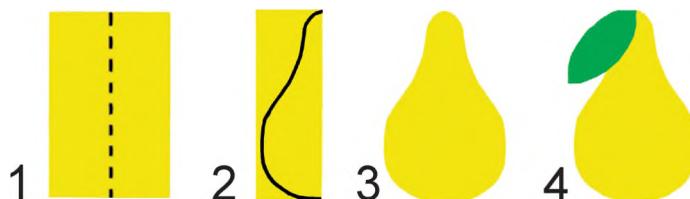


SIMMETRIK SHAKLDA QOG'ozni qirqish orqali meva va barglar yasash

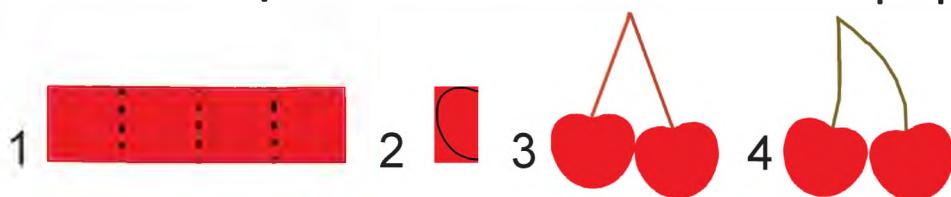
Rasmga diqqat bilan qarang. Qog'oz ikkiga buklangandan so'ng qanday ish amalga oshiriladi?



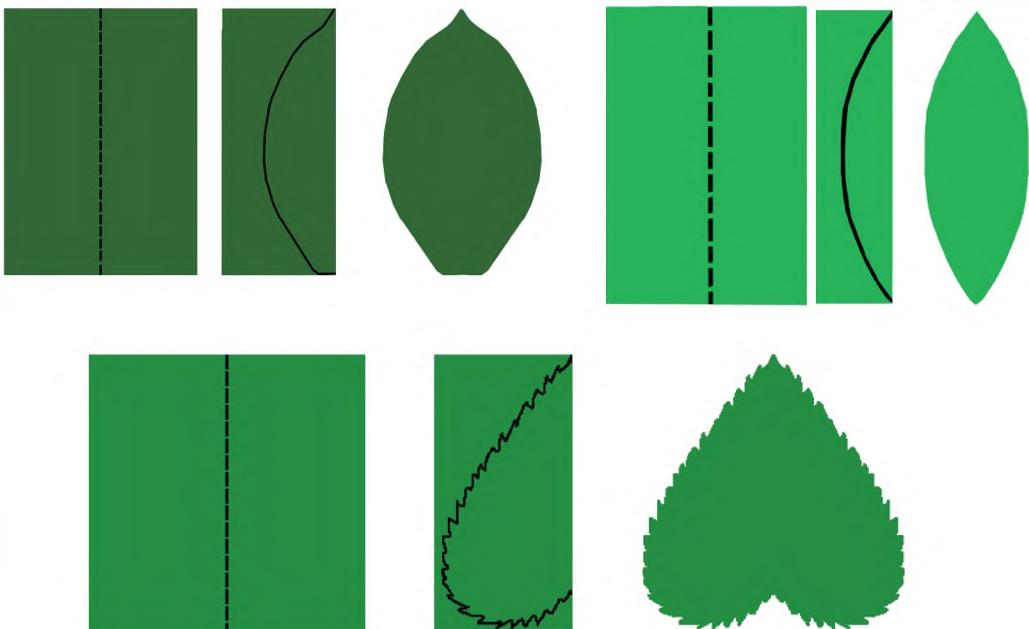
Olma shaklini qog'ozni ikkiga buklash yo'li bilan tayyorlang.



Uzunchoq shakldan nok shaklini qirqing.



Qog'ozni buklab, olcha shaklini tayyorlang.



Topshiriq.
Tayyorlagan mevalaringizni vazaga soling.





QURUVCHILIK KASBI

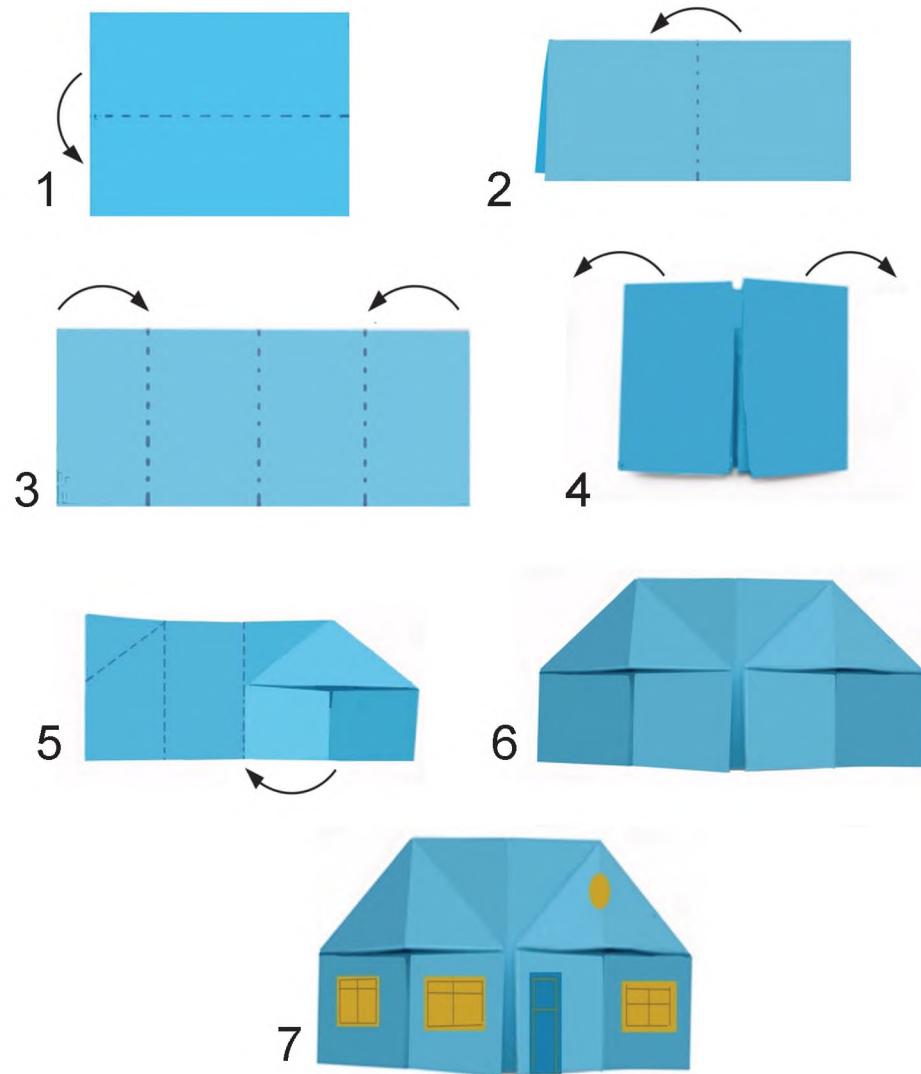
Ko'chaga chiqsangiz, uylar, maktab binosi, bog'cha va do'konlarni ko'rasiz. Bularni qurishda g'isht teruvchi, suvoqchi, duradgor, montyor, bo'yoqchi kabi kasb egalari birgalikda mehnat qilishgan.



Ayting-chi, kim qayerda ishlaydi?
Nima qilyapti?
Ularning kasbi qanday nomlanadi?



UY YASASH





Yasashga harakat qilib ko‘ring.



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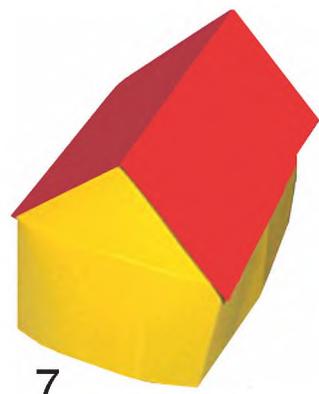
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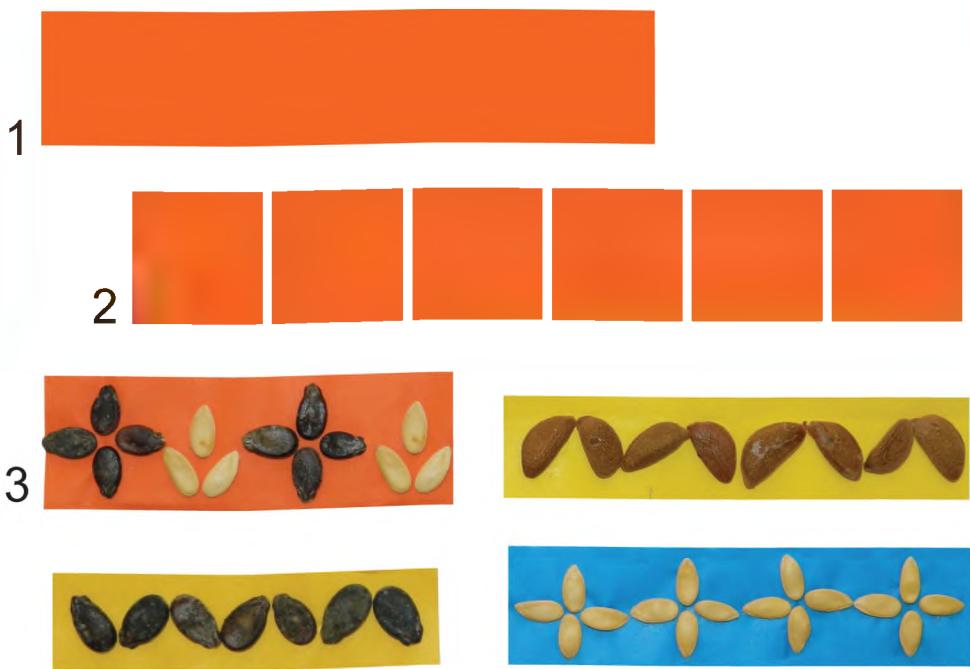


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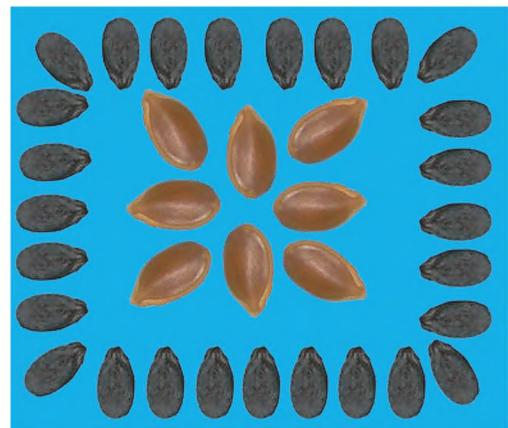


SABZAVOT VA MEVALARNING URUG'IDAN APPLIKATSIYA USULIDA NAQSH YASASH

Rangli kartondan eni 3 sm, bo'yи 9 sm bo'lgan uzunchoq shaklni qirqib oling va qalam bilan teng bo'laklarga bo'lib chiqing. Uning ichiga naqsh chizib oling, so'ngra yelim yoki plastilin bilan urug'larni naqsh ustiga yopishtirib chiqing.



NAQSH ISHLASH





TABIIY VA TURLI MATERIALLARDAN HAYVONLAR YASASH

Plastmassa idishlar juda ko‘p. Bu idishlardan har xil ertak qahramonlarini yasashingiz mumkin. Rasmga qarab, plastmassa idishdan qanday narsalar tayyorlanganligini ko‘rib chiqing. O‘zingizda bor idishlardan qanday ertak qahramonlarini yasay olasiz?

Kuzating

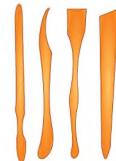


Kuzating





PINGVIN YASASH



1. Pingvin yasash uchun plastmassa idishni olib, uning bo'g'zi va qopqoq'iga plastilin yopishtiramiz. Qopqog'i uning bosh kiyimi bo'ladi.
2. Plastilindan ko'zi va og'zini yasaymiz.
3. Yashil plastilindan qanotini yasaymiz. Oq plastilindan qornini, qizil plastilindan esa oyoq panjalarini yasaymiz.

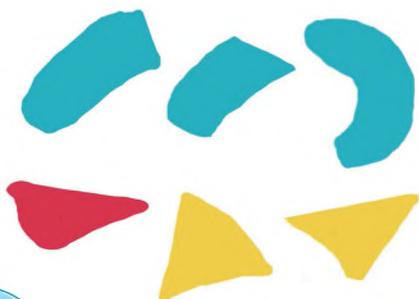


HAYVONLARNI YASASH



Plastmassa idish qopqoqlaridan turli xil hayvonlar yasash mumkin. Hayvonlar yasashda bosh qismidagi qulqoq, burun, og'izini, shuningdek, panja va dumlarini qog'ozdan andaza asosida qirqib yopish-tiring. Qopqoqlarni bir-biriga plastilin yordamida biriktiring. Ko'zini flomasterda chizib qo'ying.



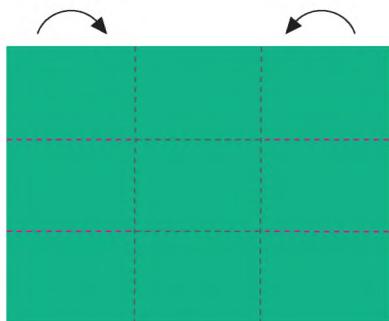


Yasab ko'ring

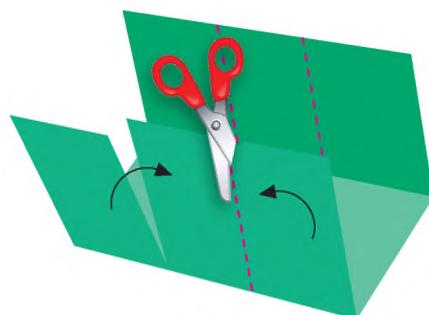




QOG'ODZAN SAVATCHA YASASH



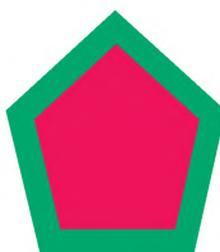
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Rasmda bosqichma-bosqich bajarish yo'l-lari ko'rsatilgan. Diqqat bilan kuzatib, ishni bajaring.



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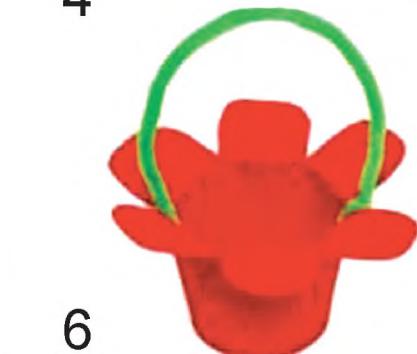
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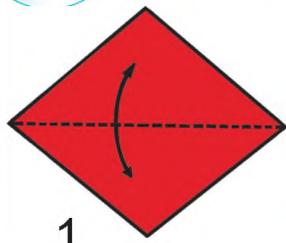
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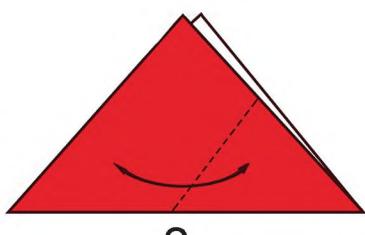
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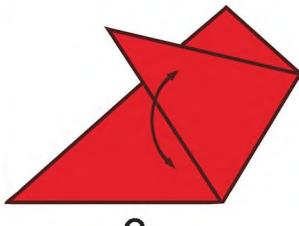
QOG'ÖZNI BUKLASH USULIDA GUL YASASH



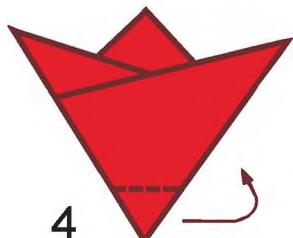
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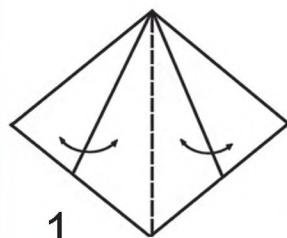
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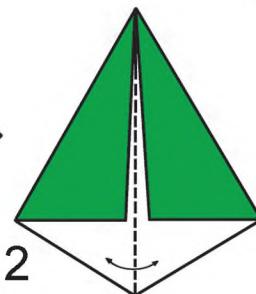
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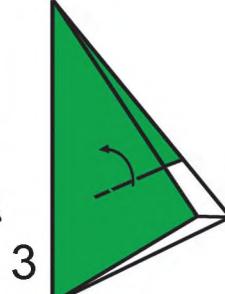
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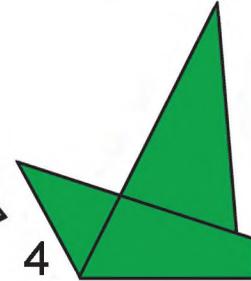
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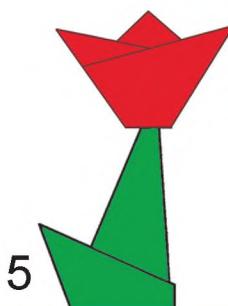
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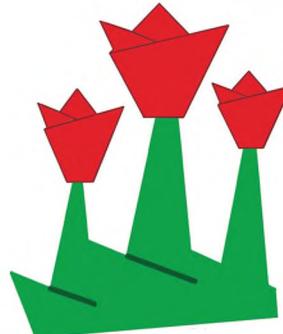
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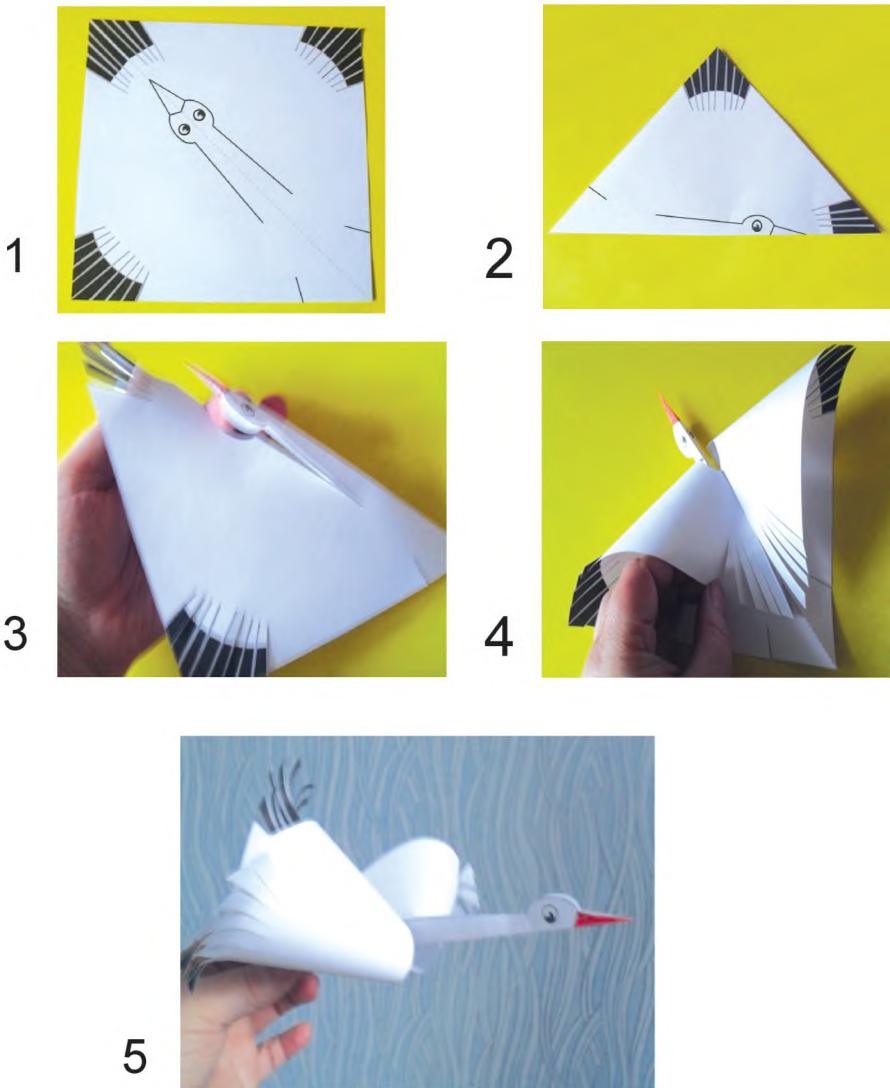


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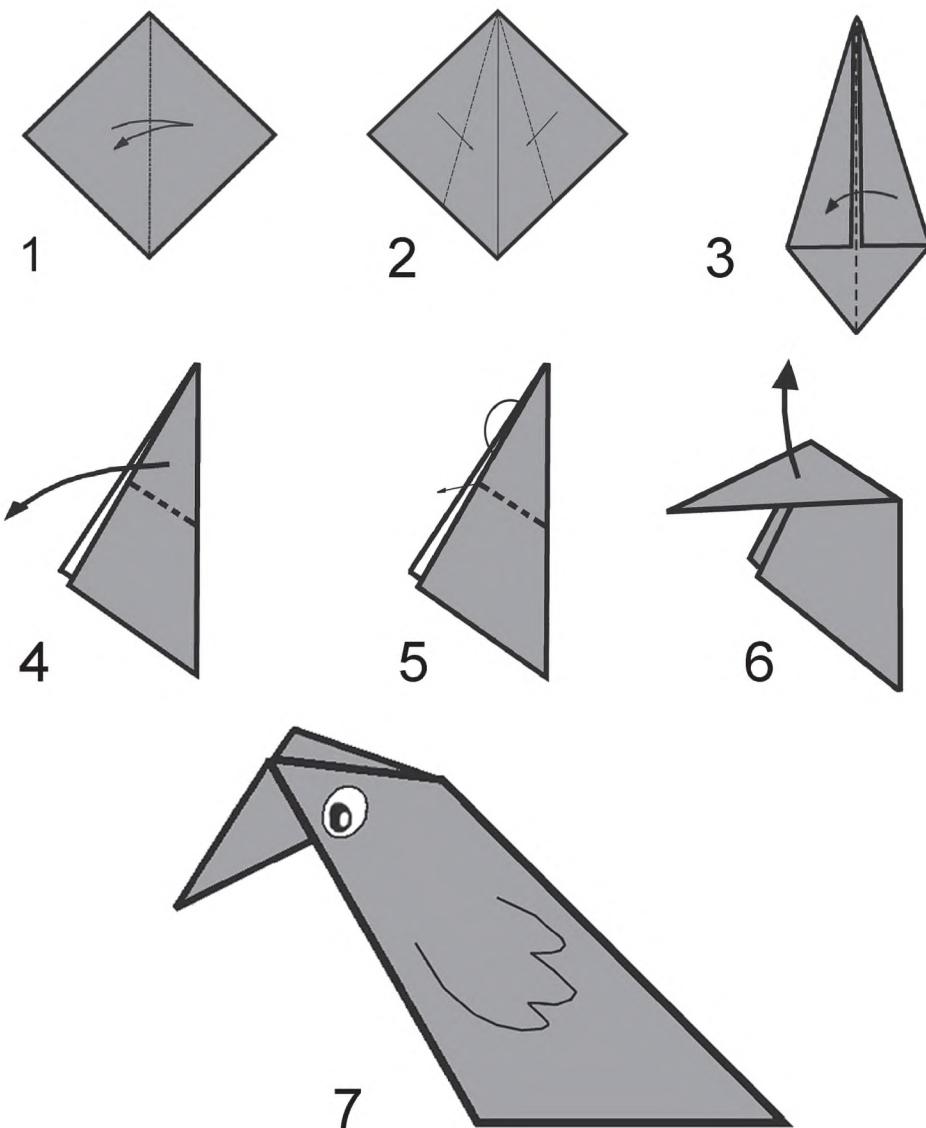




QOG'ODZAN OQQUSH SHAKLINI YASASH

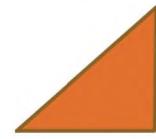
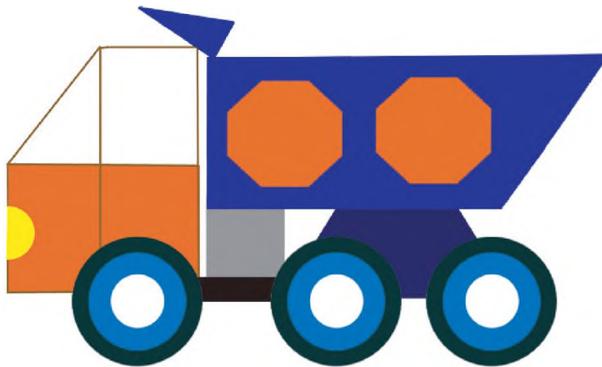


KUZATING VA YASAB KO'RING

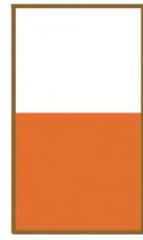




GEOMETRIK SHAKLLARDAGI QOG'ÖZDAN MASHINA QURISH-YASASH



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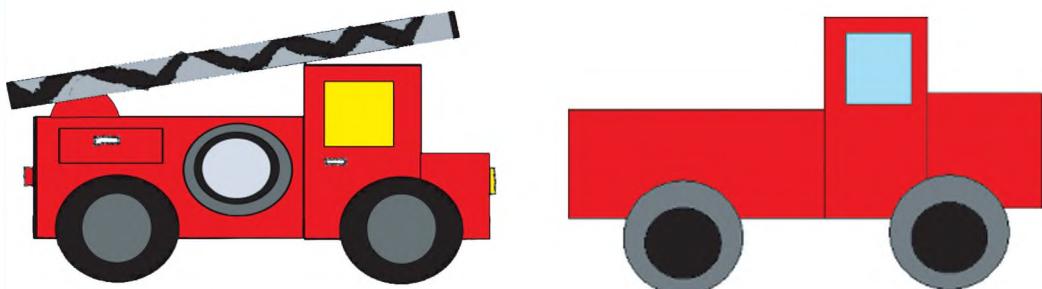
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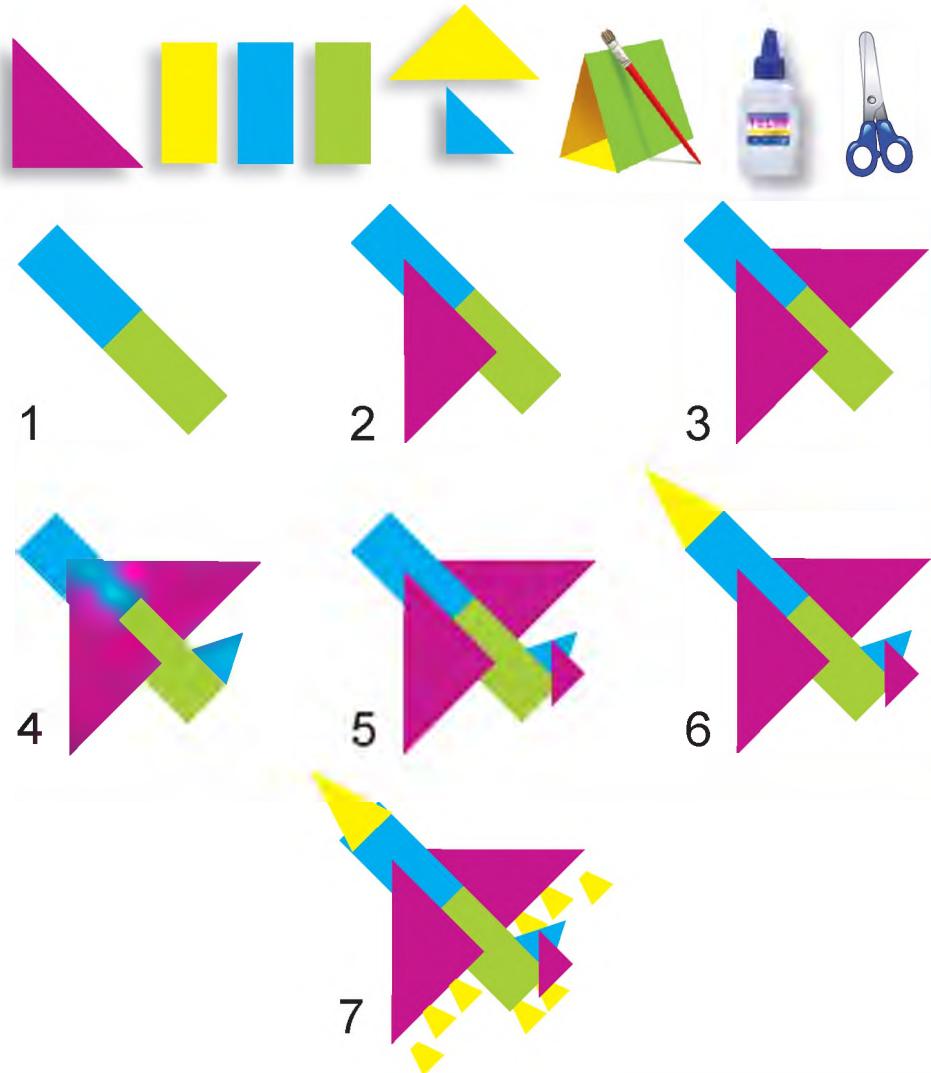
KUZATING VA YASAB KO'RING

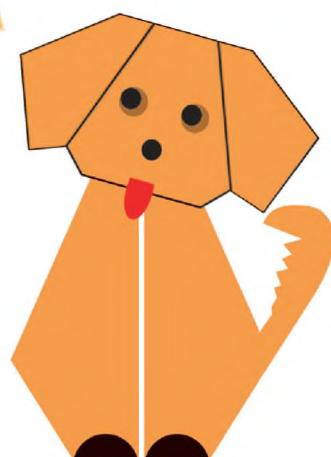
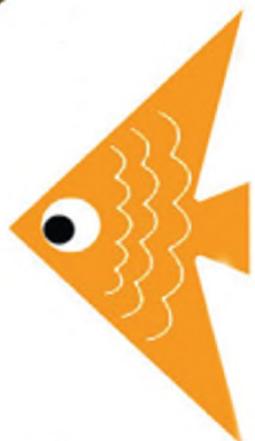
Rasmda qanday mashinalar tasvirlangan?
Ushbu rasmlarga qarab o'zingiz mashina shaklini mustaqil yasab ko'ring.

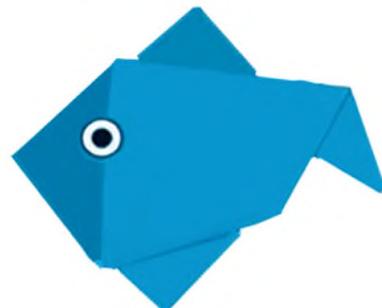


MUSTAQIL ISHLASH UCHUN TOPSHIRIQ

**Qanday yasalishini o‘ylang!
Yasashga harakat qiling.**







MUNDARIJA

BUYUMLAR YASASHNI O'RGANAMIZ	3
TEXNOLOGIYA DARSIDA	
ISHLATILADIGAN ASHYOLAR	4
TEXNOLOGIYA DARSIDA XAVFSIZ MEHNAT	
USULLARI VA O'QUV QUROLLARI	5
QAYCHI BILAN ISHLASHDA	
XAVFSIZLIK TEXNIKASI	6
YELIM BILAN ISHLASH QOIDASI	7
QOG'OZ VA UNING TURLARI	8
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TEXNOLOGIYA

1-sinf uchun darslik

(O'zbek tilida)

Qayta ishlangan va to'ldirilgan
uchinchi nashri

«O'zbekiston milliy ensiklopediyasi»
Davlat ilmiy nashriyoti
Toshkent – 2017

Tahririyat mudiri	Anvar Zulfiqorov
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Rassom	Jahongir Badalov

Nashriyot litsenziyasi AI № 160, 14.08.2009-y.
19.05.2017-y.da bosishga ruxsat etildi. Bichimi 70x90 1/₁₆.
Kegli 18. Ofset usulida bosildi. Shartli bosma tabog'i 5,85. Nashr hisob tabog'i 5,00.
Adadi 572416 nusxa. 63–17-sonli buyurtma. 69-sonli shartnoma.

«O'zbekiston milliy ensiklopediyasi» Davlat ilmiy nashriyoti,
Toshkent, 100011, Navoiy ko'chasi, 30-uy.

O'zbekiston Matbuot va axborot agentligining
«O'qituvchi» nashriyot-matbaa ijodiy uyi bosmaxonasida chop etildi.
Toshkent, 100206, Yangishahar ko'chasi, 1-uy.