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N. Ibragimova

TEKNOLOGIYA

Umumiy o'rtta ta'lim maktablarining
1-sinfi uchun darslik

Qayta ishlangan va to'ldirilgan
uchinchi nashri

O'zbekiston Respublikasi
Xalq ta'limi 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 maktabining mehnat ta'limi o'qituvchisi;
D. Karimova – Buxoro shahridagi 18-umumiy o'rta ta'lim maktabining mehnat ta'limi o'qituvchisi.

SHARTLI BELGILAR:



– dars;



– ko'ramiz, tanlaymiz;



– ishlashni o'rganamiz;



– o'ylab topamiz.

Mannopova I.

M 24

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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

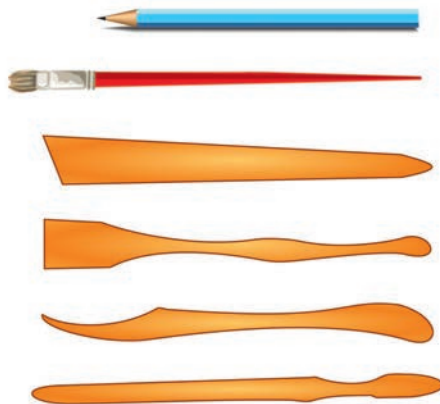
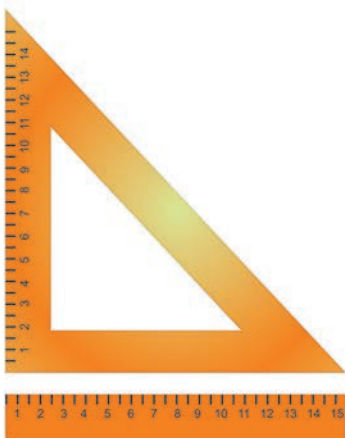


TEXNOLOGIYA DARSIDA ISHLATILADIGAN ASHYOLAR





TEXNOLOGIYA DARSIDA XAVFSIZ MEHNAT USULLARI VA O'QUV QUROLLARI



Ish stoli



QAYCHI BILAN ISHLASHDA XAVFSIZLIK TEXNIKASI

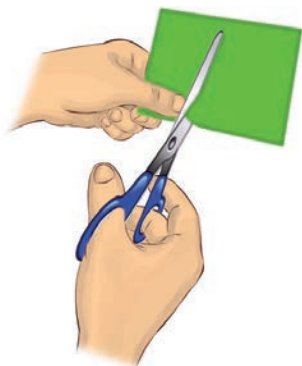
Qaychini ochiq qoldirmang!



Qaychini ushlaydigan tomoni bilan
bering!

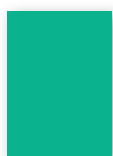


Qaychini emas, qog'ozni aylantirib
qirqing.





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'UZ VA UNING TURLARI



Yozuv qog'oz.



Gazeta qog'oz.



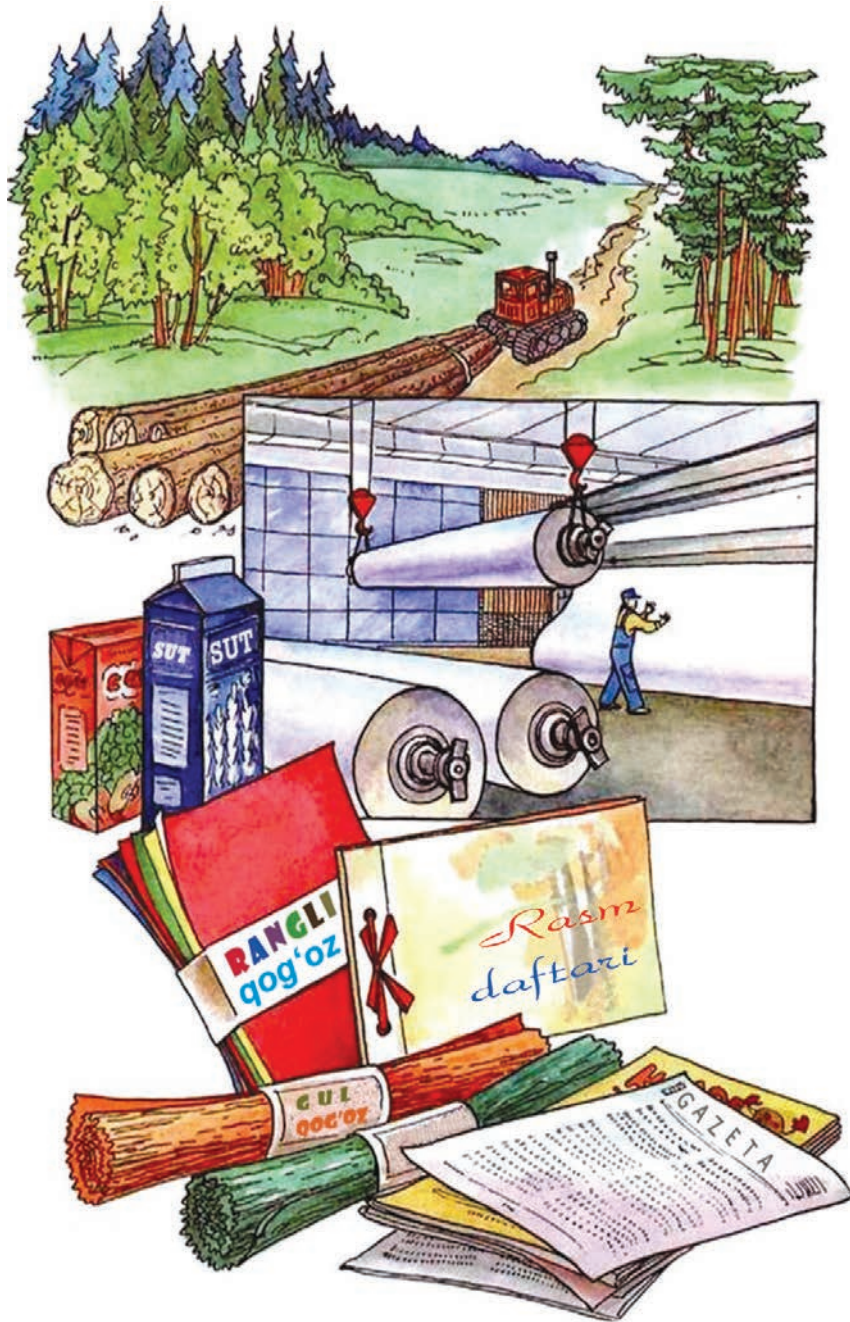
Karton.



Rasm qog'oz.



Sovg'ani qadoqlaydigan qog'oz.



QOG'OZNI BUKLASH USULLARI



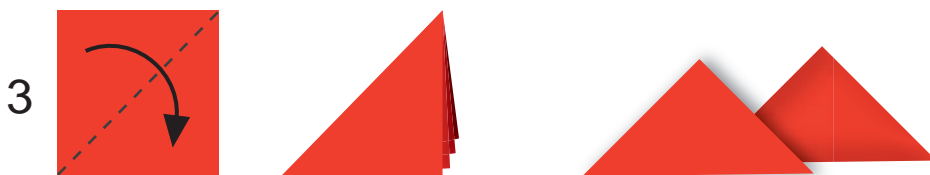
Buklang.

Qirqing.



Buklang.

Qirqing.



Buklang.

Qirqing.



Buklang.

O'rang.



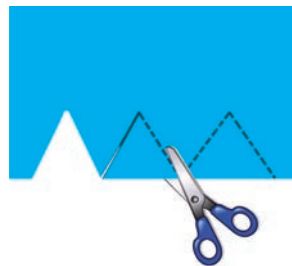
QOG‘OZ BILAN ISHLASH



Andaza asosida belgilash.



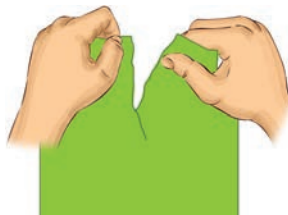
Qirqish.



Qirqib olish.



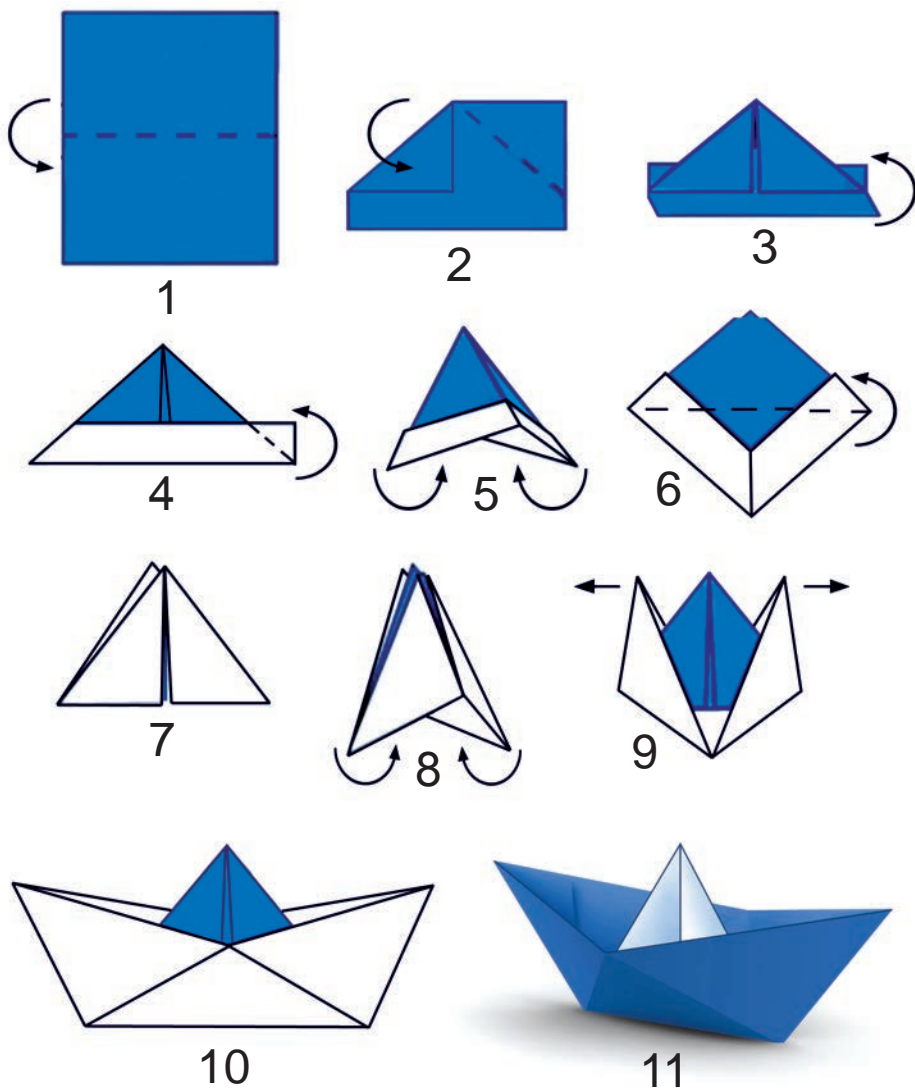
O‘rash.



Yirtish.



QAYIQCHA YASASH





KITOB UCHUN XATCHO'P YASASH

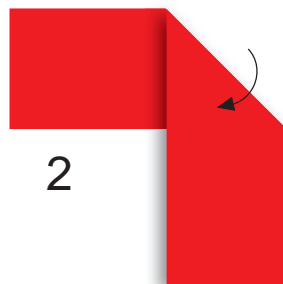


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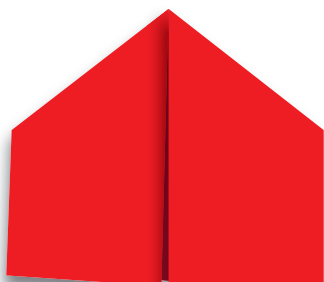




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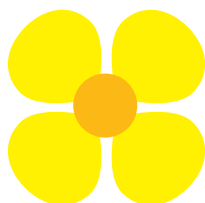
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3



4



5



6



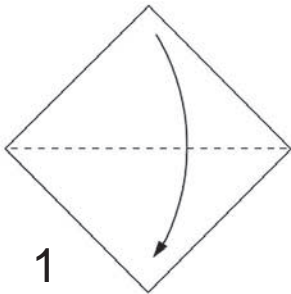
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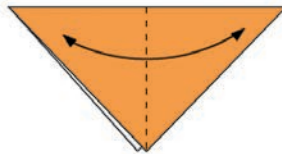
Xatcho'p nima maqsadda yasaladi? U Sizga nima uchun kerak bo'ladi?



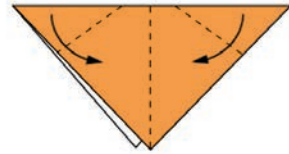
QOG'OZNI BUKLASH ORQALI HAYVONLAR SHAKLINI YASASH



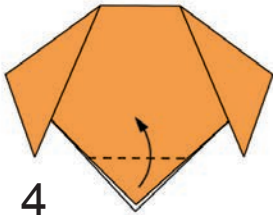
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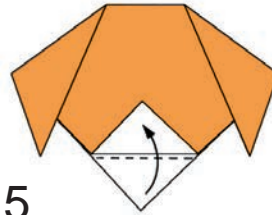
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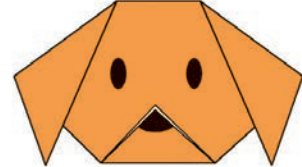
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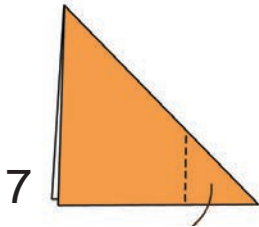
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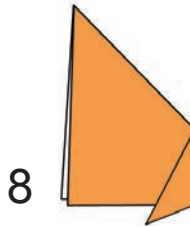
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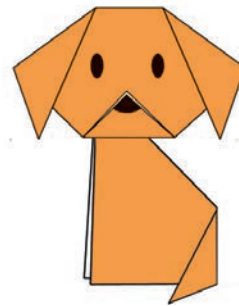
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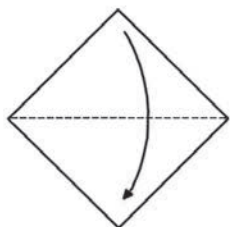
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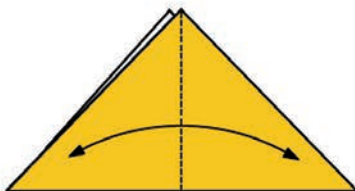
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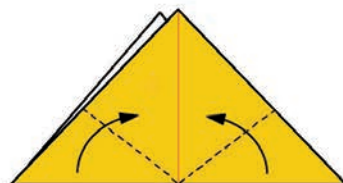
MUSHUKCHA YASASH



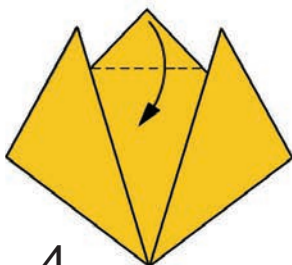
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2



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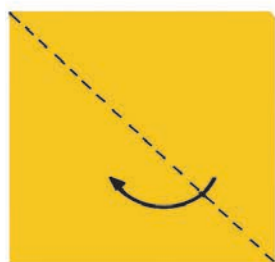
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6



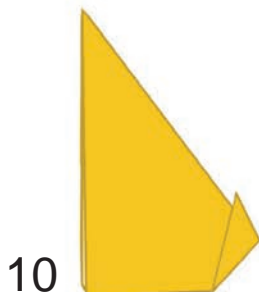
7



8



9



10



11



TABIYIY MATERIALLAR HAQIDA TUSHUNCHA

Barg bilan ishlash

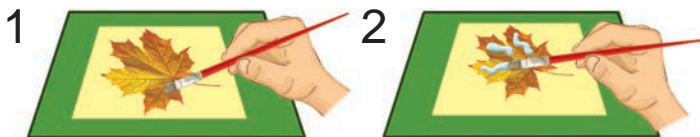
To'kilgan barglarni terib oling.



Ustiga narsa qo'yib quriting.



Barg bilan rasmda ko'rsatilgan tartibda
ishlang.



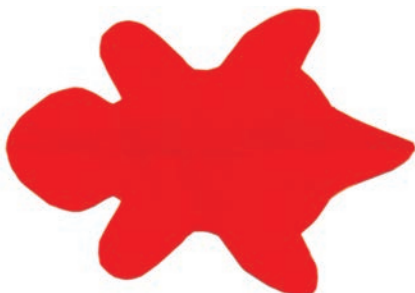


OLTIN KUZ MANZARASINI TASVIRLASH





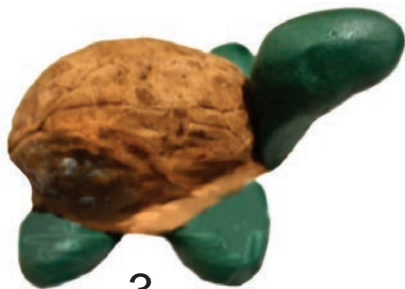
TABIY VA TURLI MATERIALLARDAN JONIVORLAR SHAKLINI YASASH



1



2



3

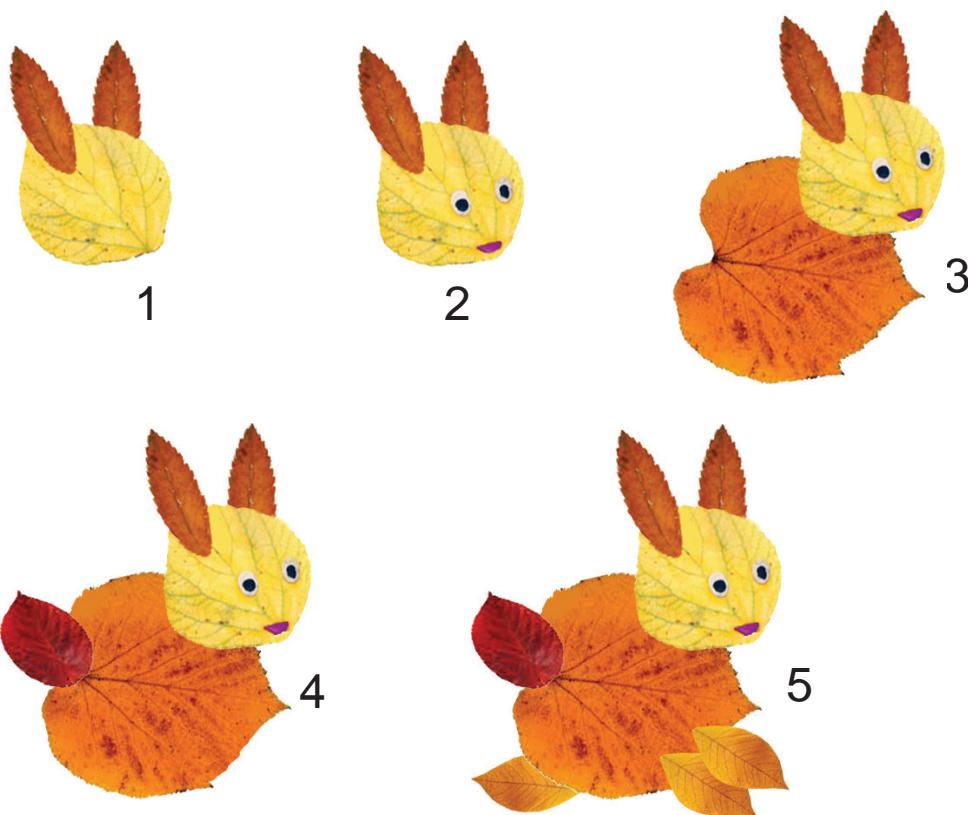




O'ZINGIZ YASANG



TABIY MATERIALLARDAN HAYVONLAR SHAKLINI YASASH



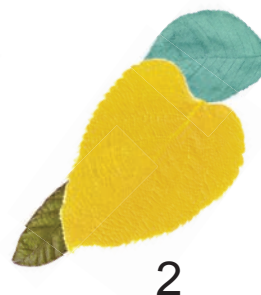


Solishtiring

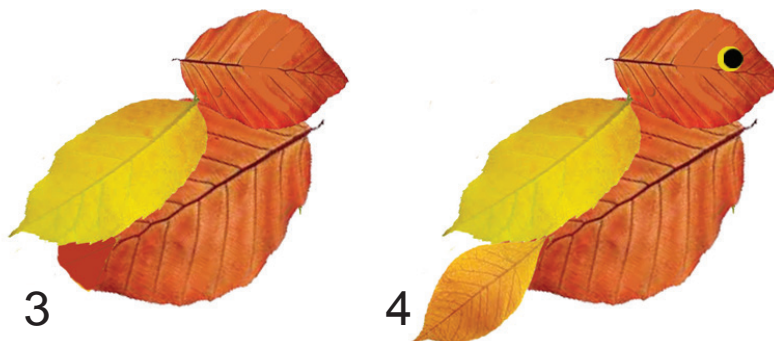
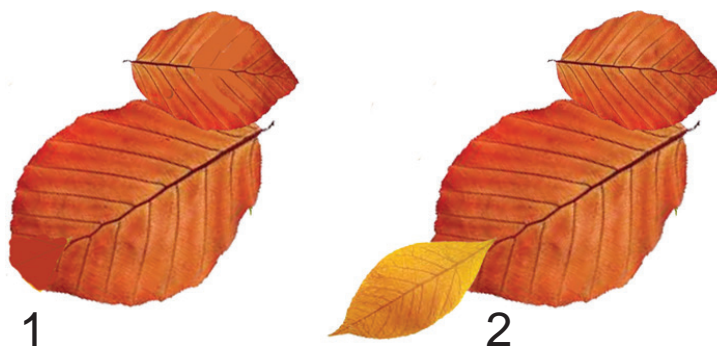




TABIY MATERIALLARDAN QUSHCHA SHAKLINI YASASH

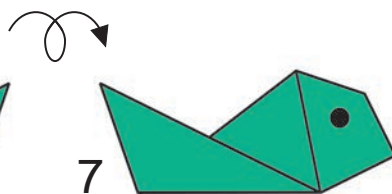
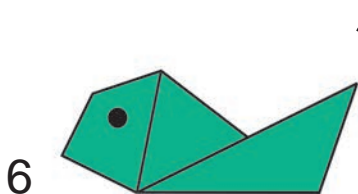
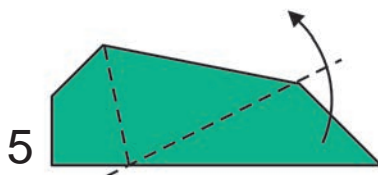
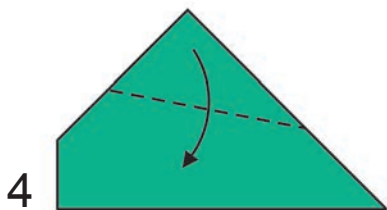
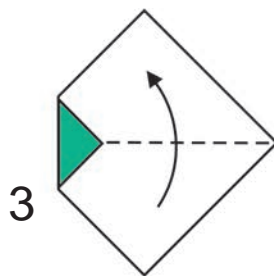
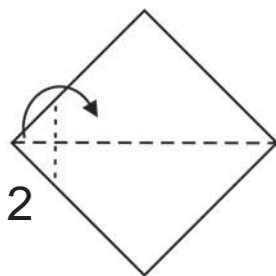
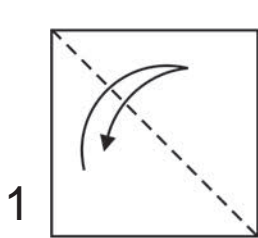
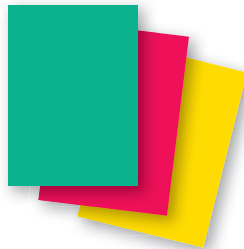


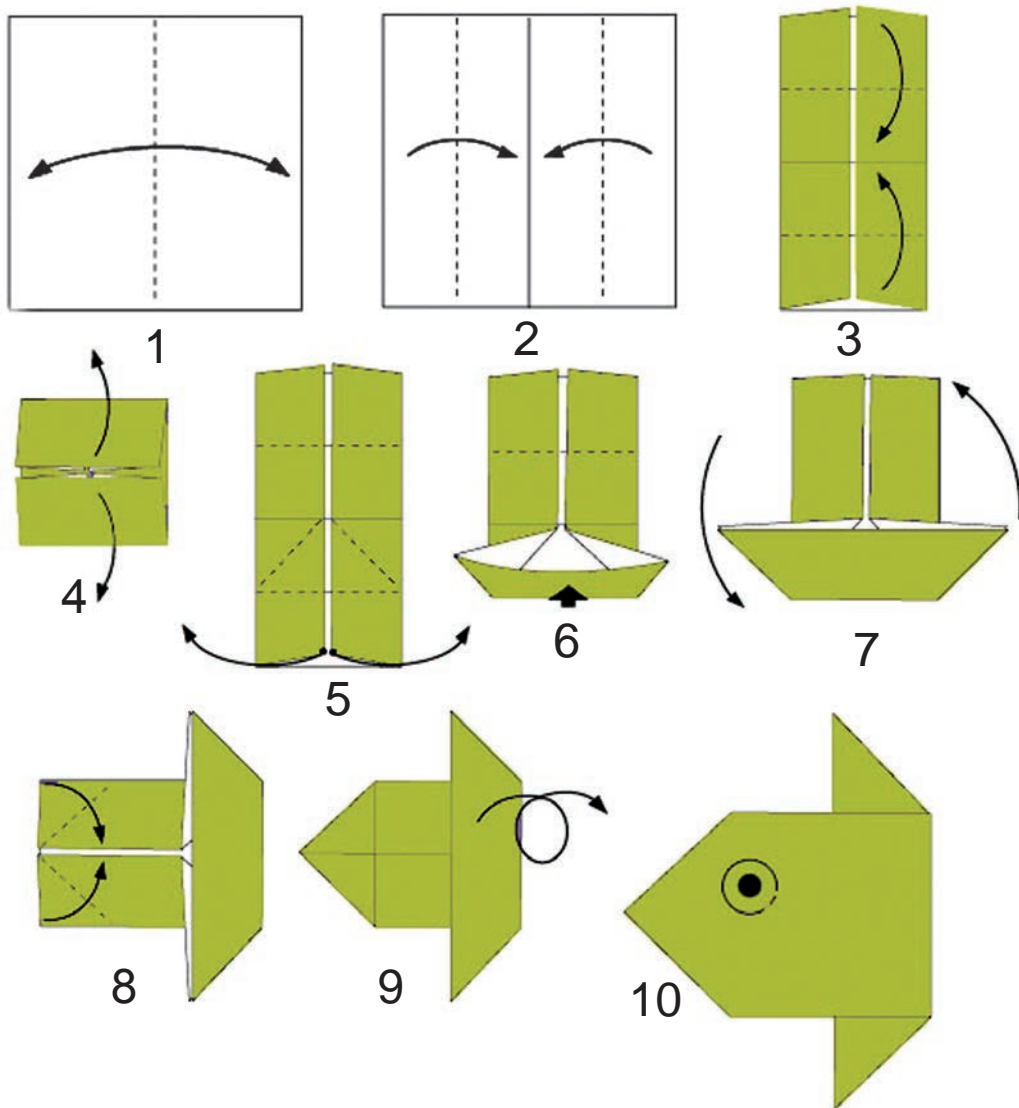
TABIY MATERIALLARDAN PARRANDALAR SHAKLINI YASASH





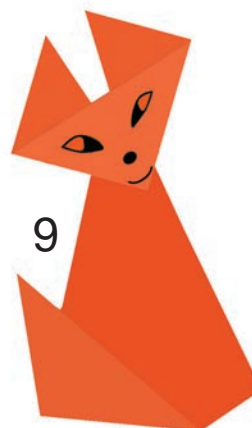
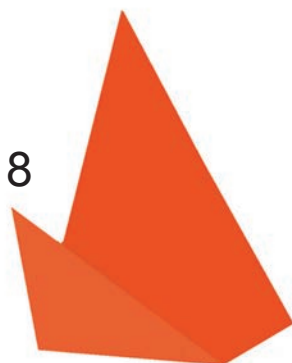
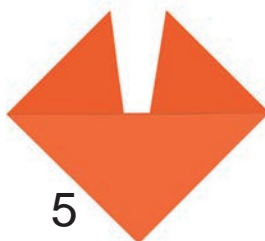
BALIQCHA YASASH





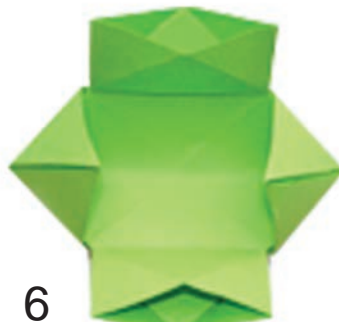
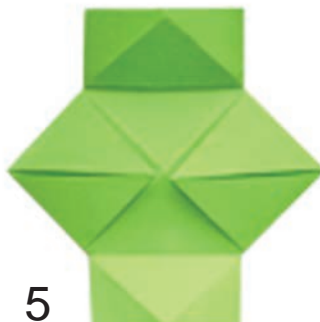
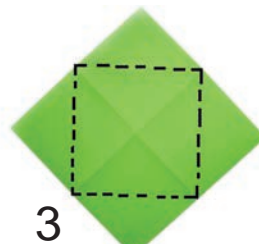
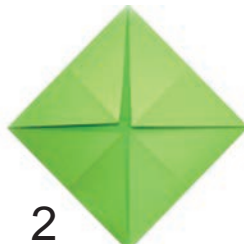
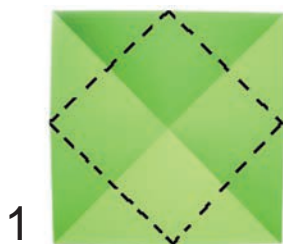


TULKI SHAKLINI YASASH





KEMACHA YASASH



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

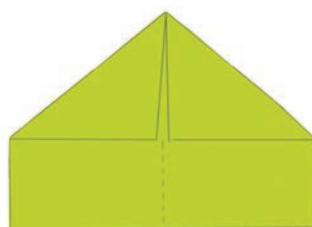


UCHUVCHI PLANER YASASH

1



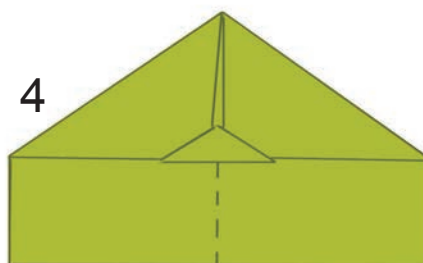
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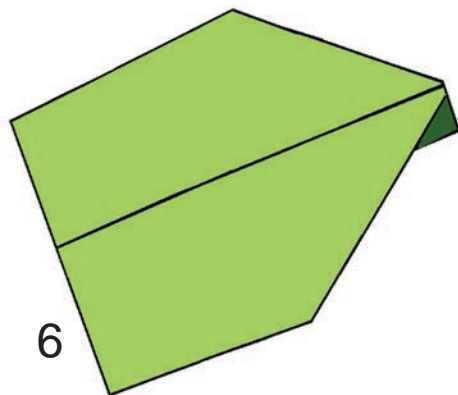
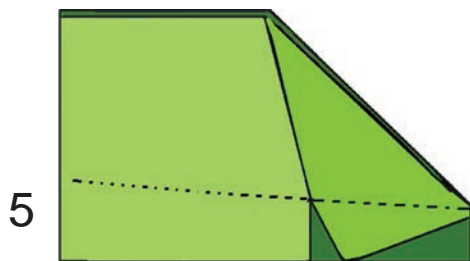
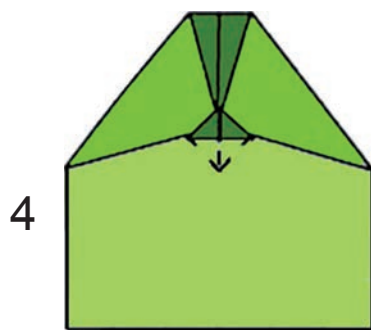
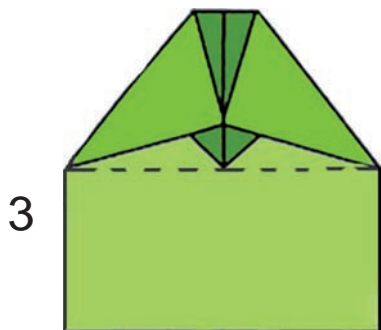
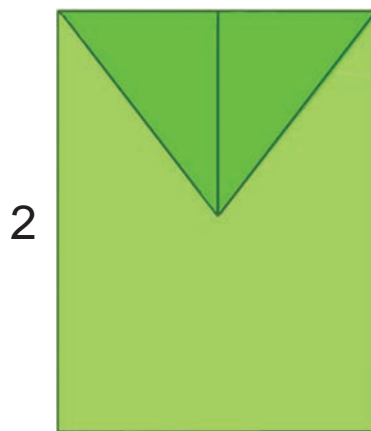
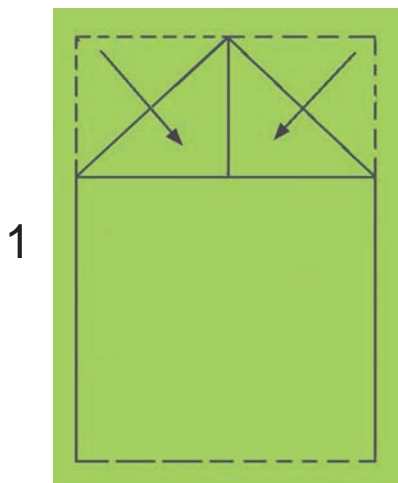


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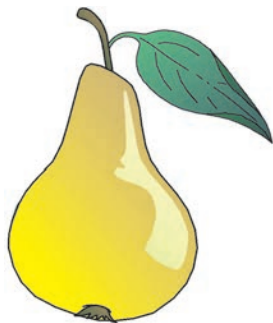
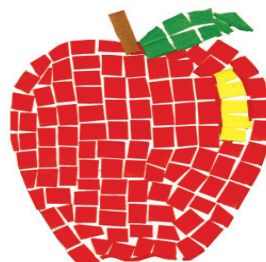
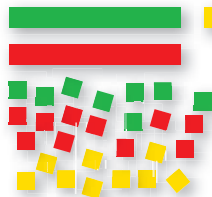
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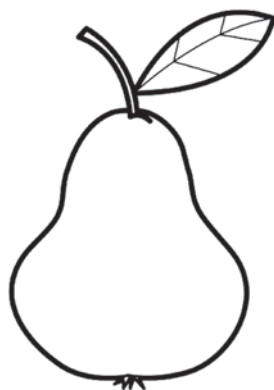


MAYDALANGAN RANGLI QOG‘OZLARDAN MOZAIKA USULIDA MEVALAR SHAKLINI YASASH



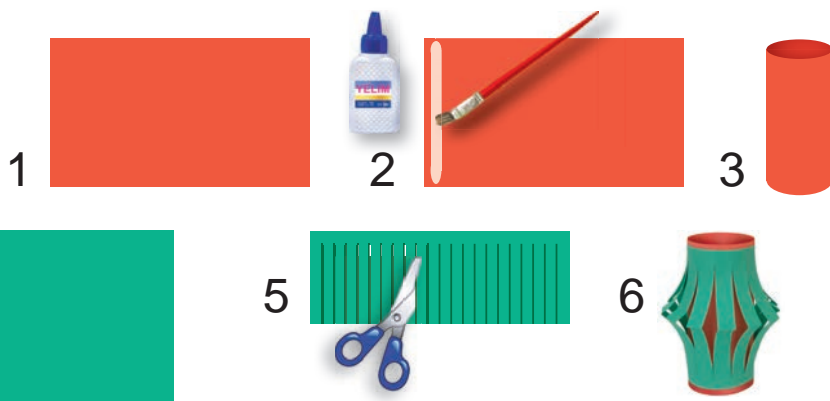


Salfetka qog'ozini mayda qilib qirqib, dumaloq shaklga keltiring va uni chizib olgan andazangiz ustiga bir tekisda yopishtiring.

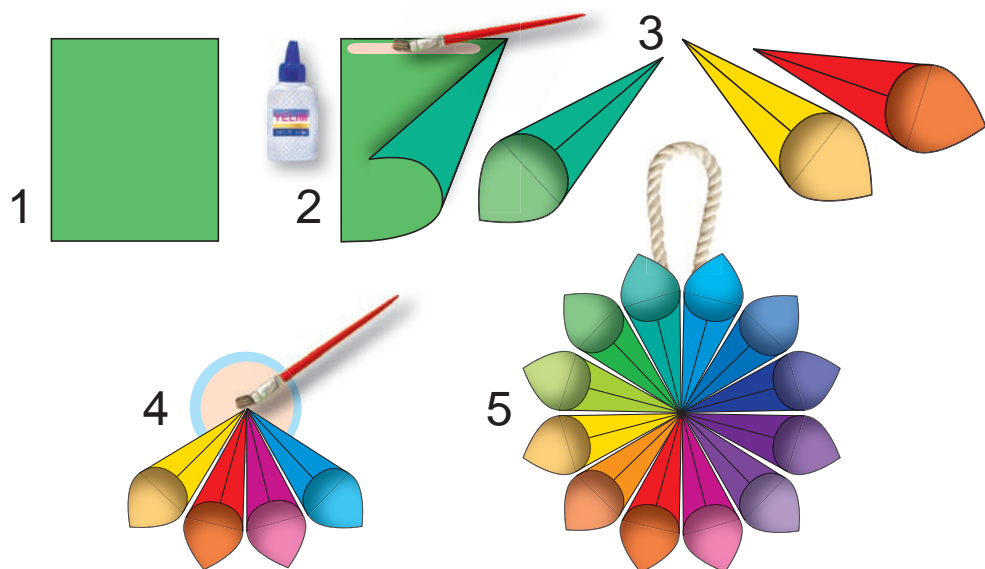




ARCHA O'YINCHOQLARINI YASASH



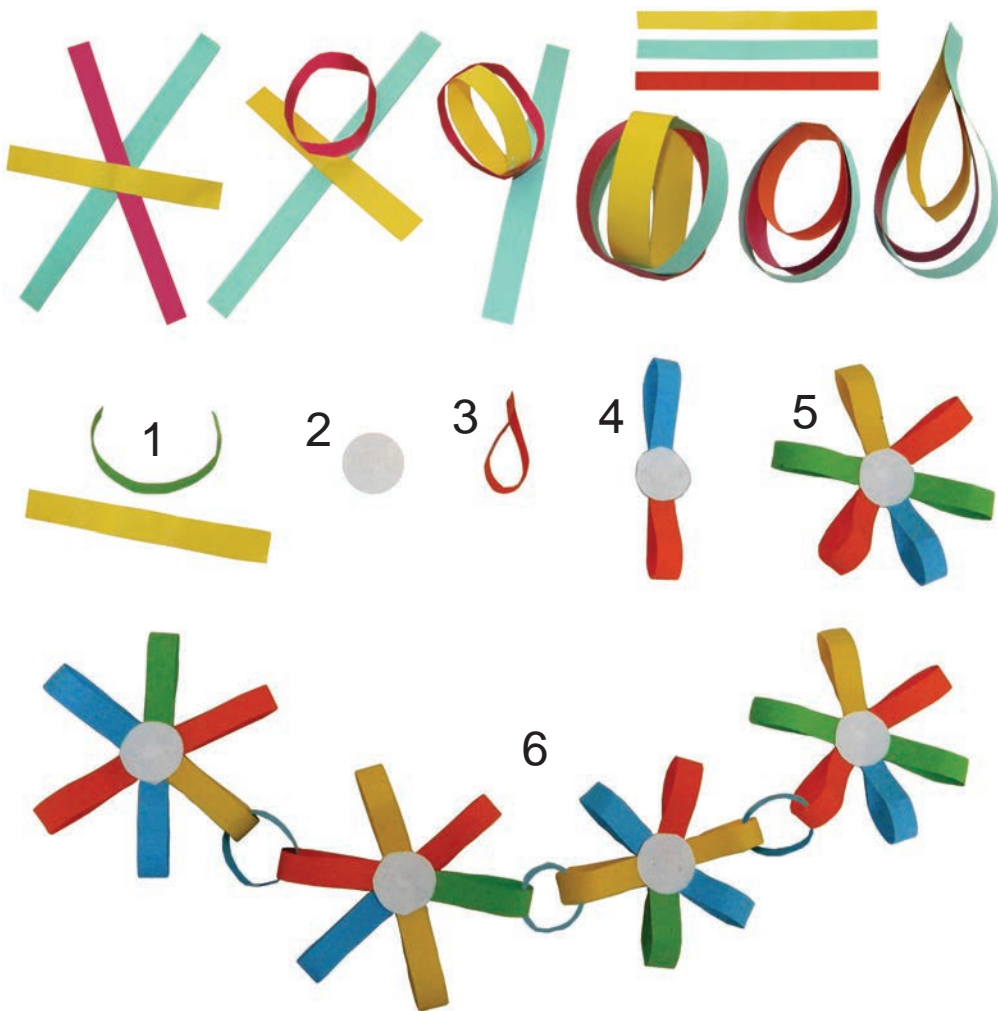
Archani qog'ozdan yasalgan turli o'yinchoqlar bilan bezatish mumkin.





O'ZINGIZ ARCHA UCHUN BEZAKLAR YASANG

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



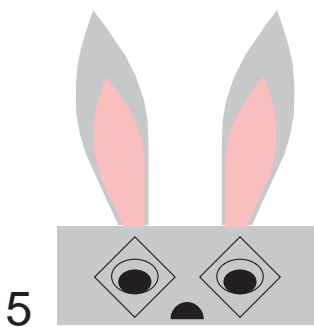
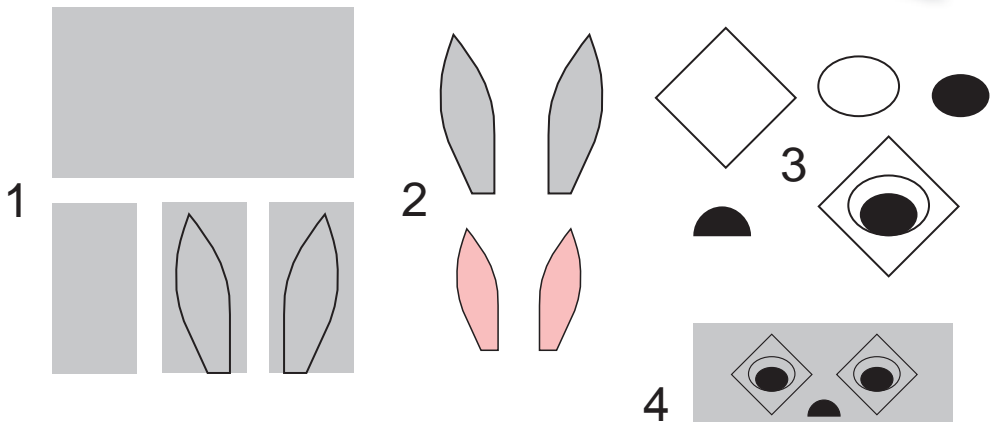


Archa o'yinchog'ining yasash ketma-ketligini ko'rib chiqing. Qanday qirqilishi va yopishtirilishiga e'tibor bering.



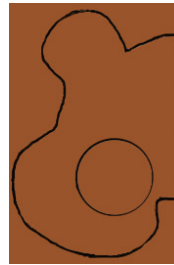
BAYRAM NIQOBLARI

Quyov niqobini yasash

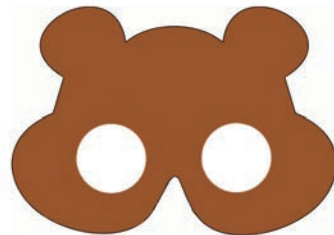




Ayiq niqobini yasash



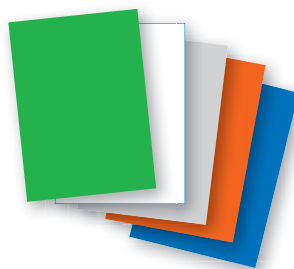
Qog'ozni ikkiga buklab, andaza asosida ayiqning bosh qismini chizib oling.



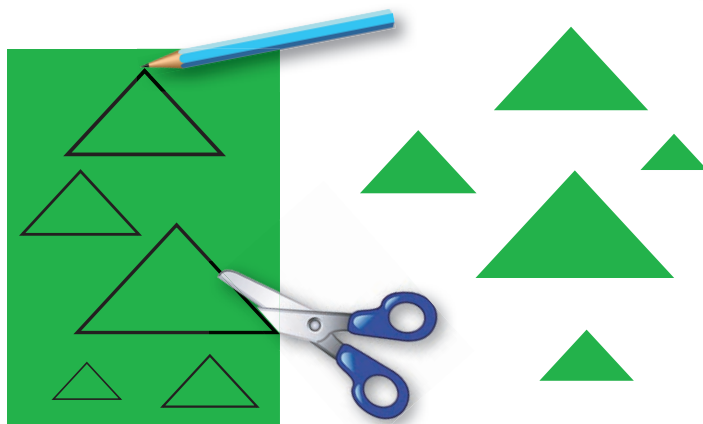
Chiziq bo'ylab qirqing. Orasini oching, qalamda qoshlari va tumshug'ini chizib bo'yang.



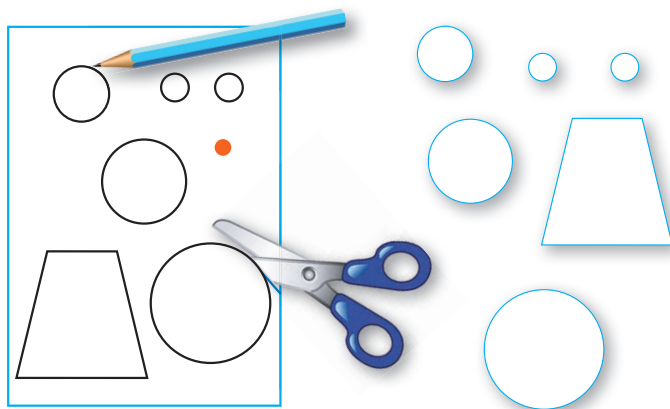
QISH MANZARASINI APPLIKATSIYA USULIDA ISHLASH

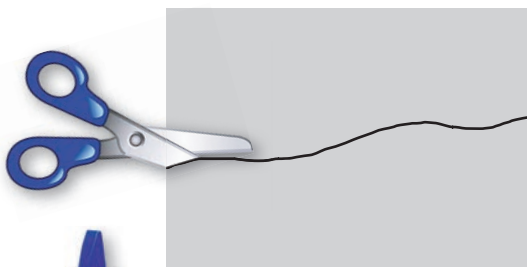
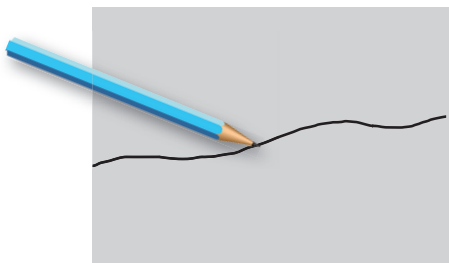


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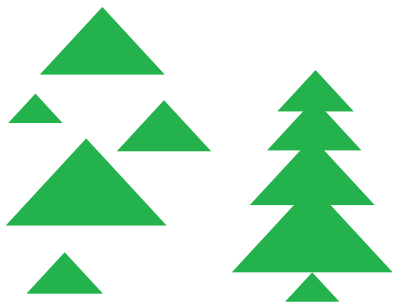


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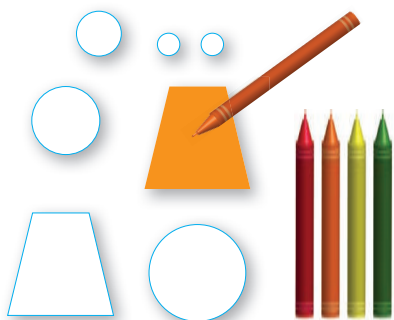




3



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6





PLASTILIN VA LOY BILAN ISHLASH QOIDALARI

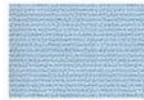
Sizga kerak bo'ladi



plastilin



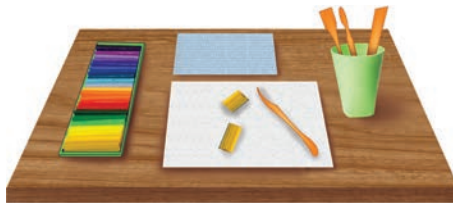
taxtacha



ho'l latta



stek



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

Plastilin bilan ishlash



Uzunchoq, dumaloq va yapaloq
shakllarni yasash.



Surkash.



Silliqlash.

PLASTILINDAN MUSHUK SHAKLINI YASASH



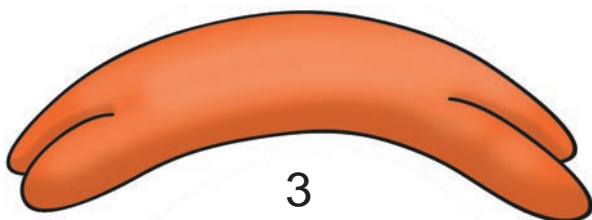
PLASTILINDAN OT SHAKLINI YASASH



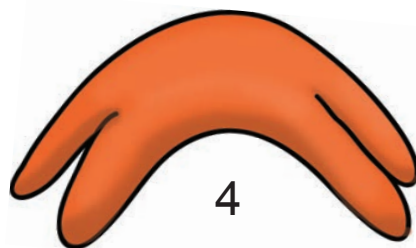
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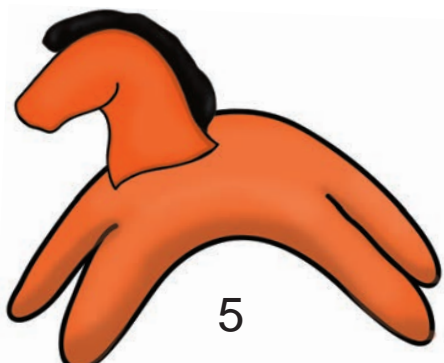
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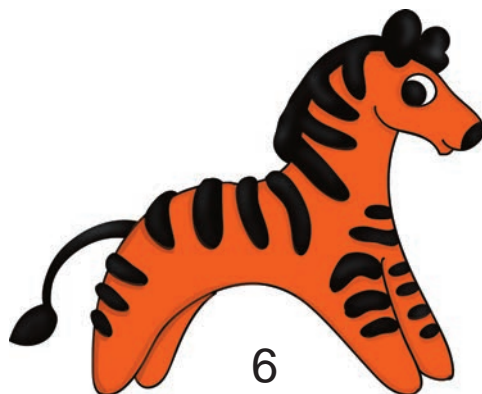
3



4



5



6

CHOYGUM YASASH



1



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7



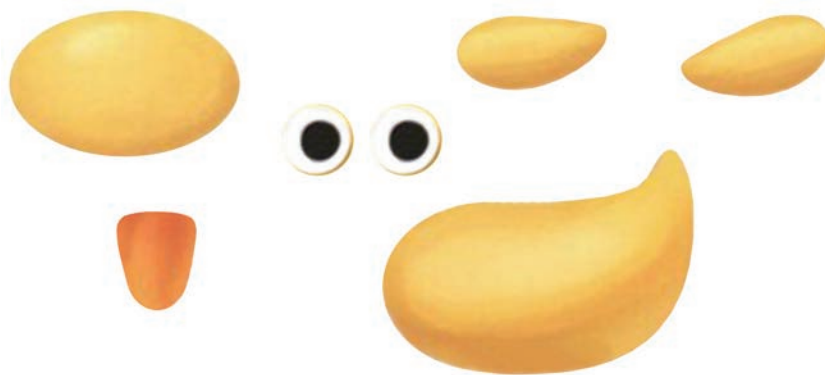
8



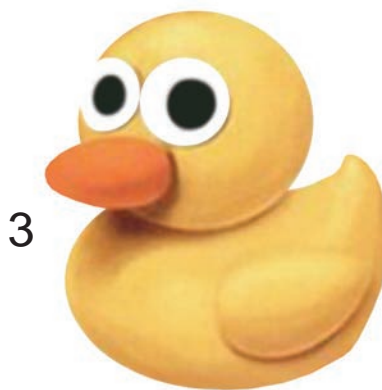
9

O'RDAKCHA SHAKLINI YASASH

Rasmda ko'rsatilgan shakllarni yasang:



Shakllarni biriktiring:





PAZANDACHILIKDA ISHLATILADIGAN JIHOZLAR



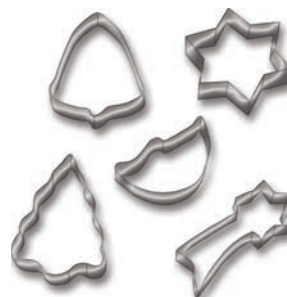
O'qlov



Jo'va



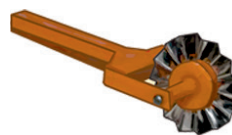
Elak



Qoliplar



Suzgich



Keskich



Kapgir



Qozon



Cho'mich



Nowvoy – non mahsulotlarini pishiruvchi kasb egasi.



Qandolatchi – qandolat mahsulotlarini pishiruvchi kasb egasi.



Oshpaz – turli xil shirin taomlarni pishiruvchi kasb egasi.

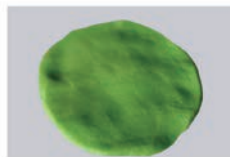
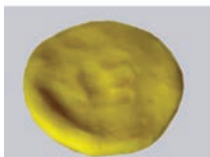


PAZANDACHILIKDA ISHLATILADIGAN MAHSULOTLAR



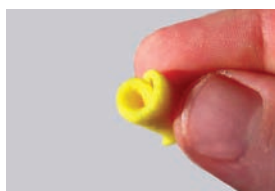
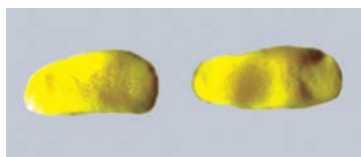


TORT YASASH



Uch xil rangdagi plastilindan sharcha yasab, kaftingiz bilan ezing.

Ezganingizda sharchaning tepa qismi yumaloqligicha qolishiga ahamiyat bering.

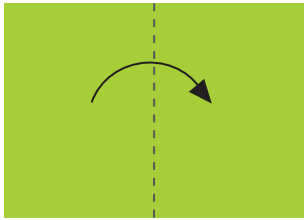


Tayyorlangan shakllarni ustma-ust joylashtiring. Tortning ustini har xil bezaklar bilan bezating.

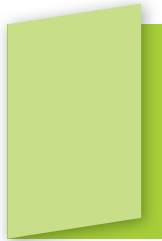




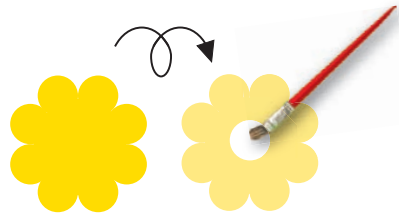
8-MART BAYRAMIGA TABRIKNOMA TAYYORLASH



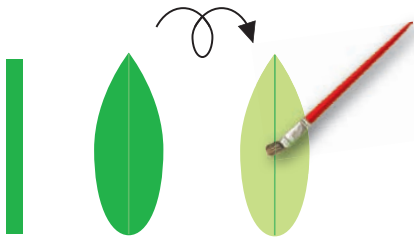
1



2



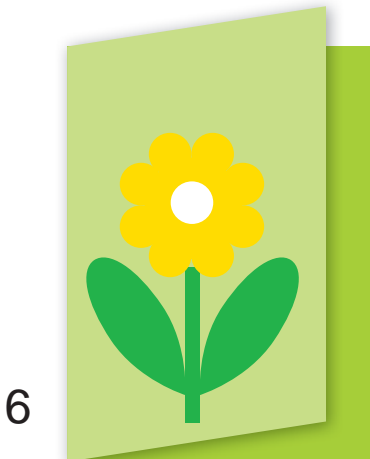
3



4



5

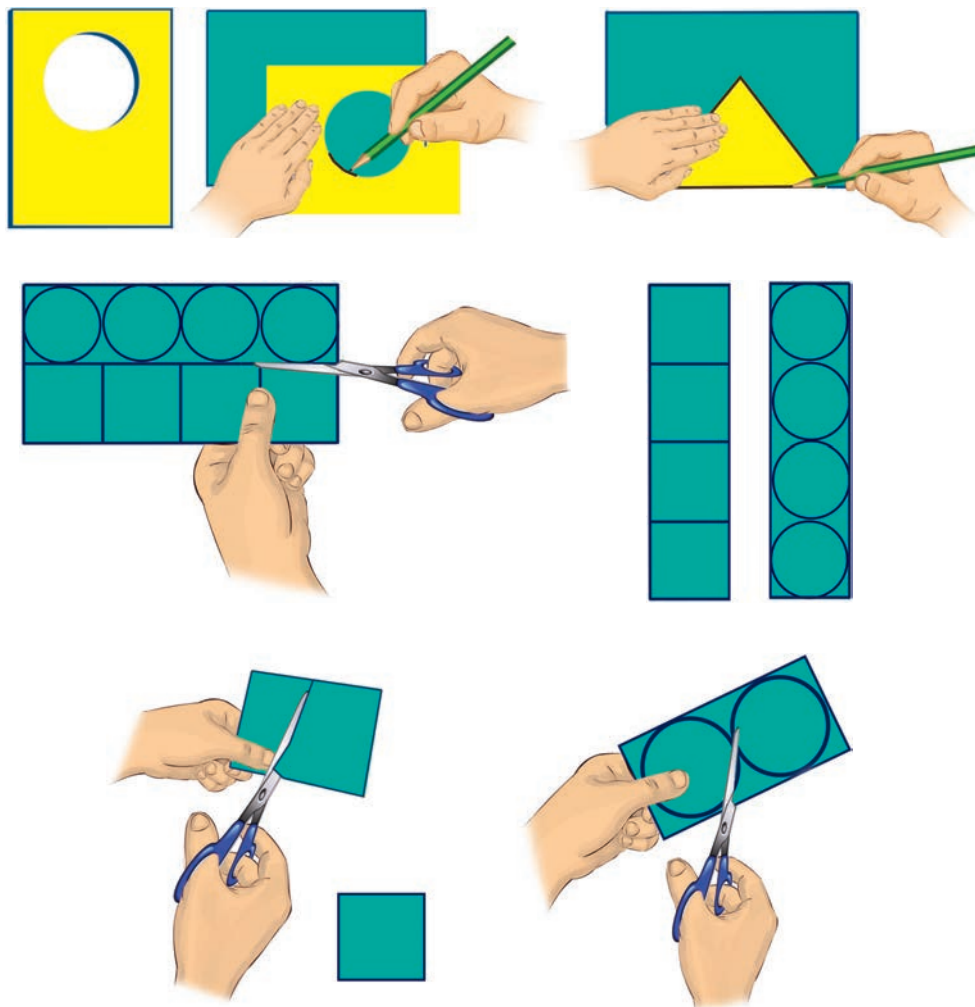


6



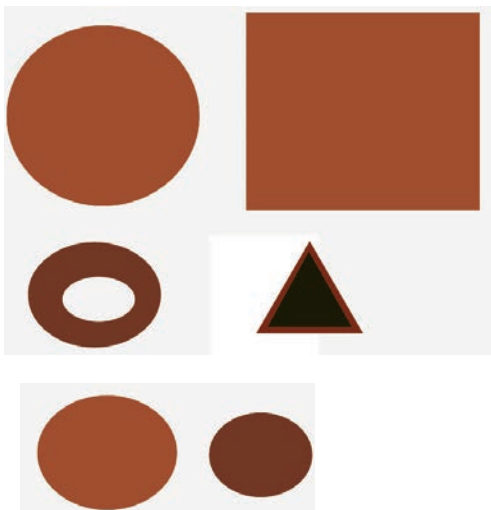
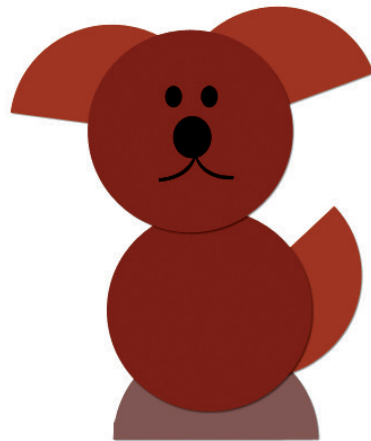
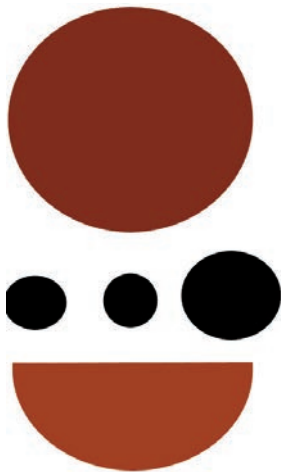
7

ANDAZA ASOSIDA GEOMETRIK SHAKLLARNI TAYYORLASH





GEOMETRIK SHAKLDAGI QOG‘OZLARDAN HAR XIL HAYVONLAR SHAKLINI YASASH





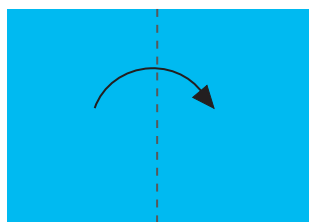
HAYVON TASVIRLARINI KUZATING VA YASAB KO'RING

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

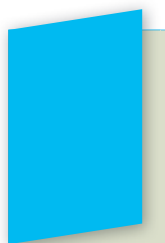




NAVRO'Z BAYRAMIGA TABRIKNOMA TAYYORLASH



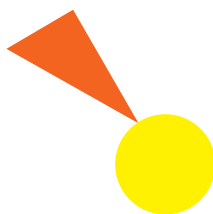
1



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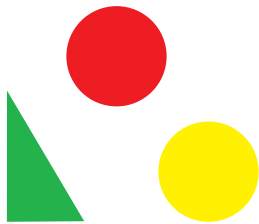


5

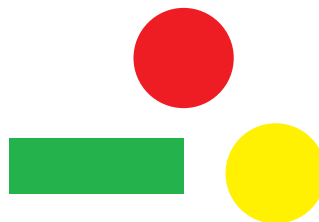
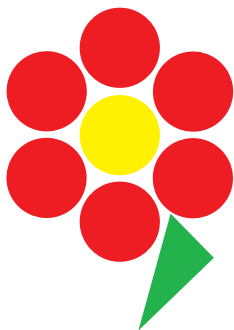


6

1



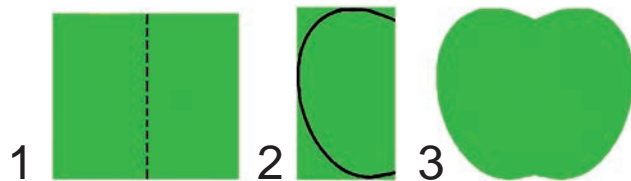
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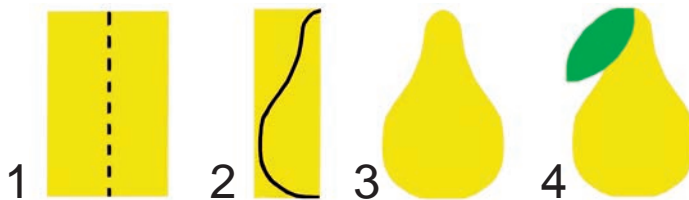


SIMMETRIK SHAKLDA QOG‘OZNI QIRQISH ORQALI MEVA VA BARGLAR YASASH

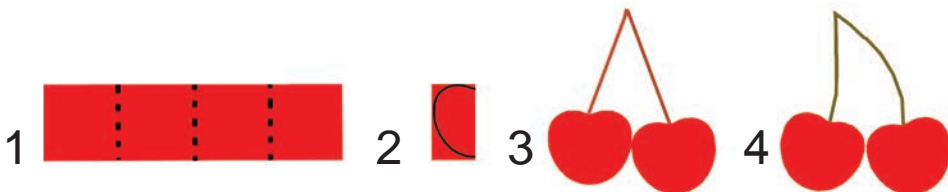
Rasmga diqqat bilan qarang. Qog‘oz ikkiga buklangandan so‘ng qanday ish amalga oshiriladi?



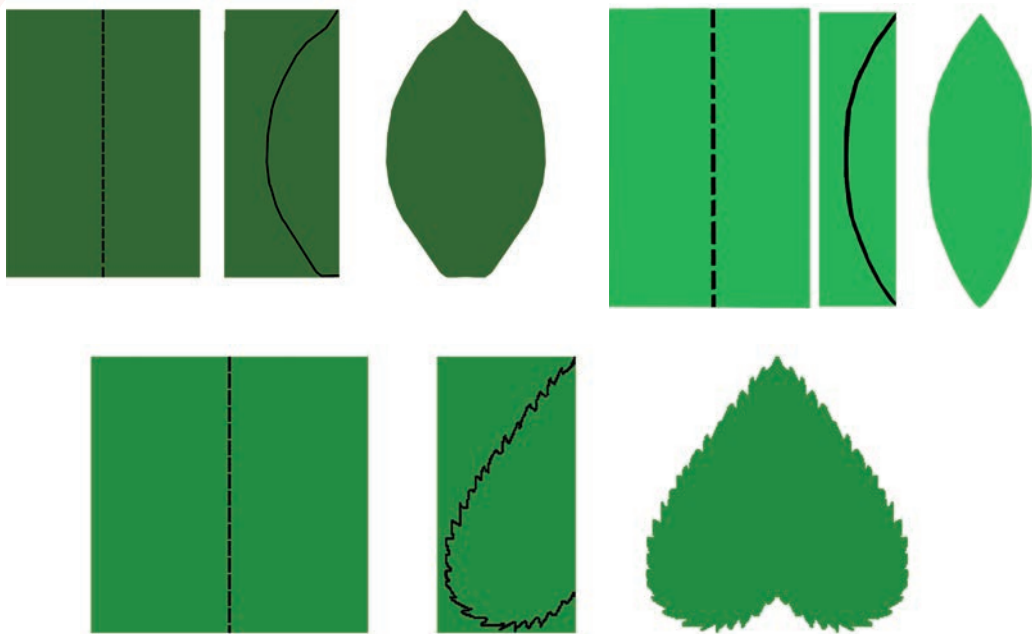
Olma shaklini qog‘ozni ikkiga buklash yo‘li bilan tayyorlang.



Uzunchoq shakldan nok shaklini qirqing.



Qog‘ozni buklab, olcha shaklini tayyorlang.



Topshiriq.

Tayyorlagan mevalaringizni vazaga soling.





QURUVCHILIK KASBI

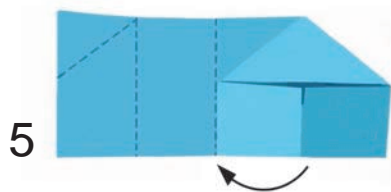
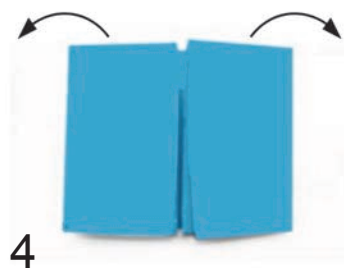
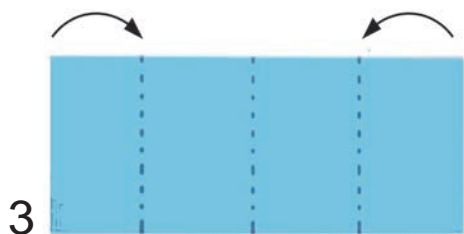
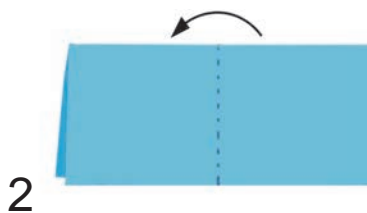
Ko'chaga chiqsangiz, uylar, maktab binosi, bog'cha va do'konlarni ko'rasiz. Bularni qurishda g'isht teruvchi, suvoqchi, duradgor, montyor, bo'yoqchi kabi kasb egalari birgalikda mehnat qilishgan.



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



UY YASASH





Yasashga harakat qilib ko'ring.



1



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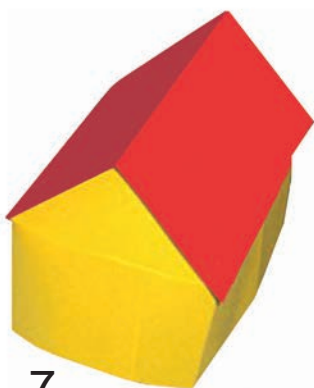
4



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8



SABZAVOT VA MEVALARNING URUG'IDAN APPLIKATSIYA USULIDA NAQSH YASASH

Rangli kartondan eni 3 sm, bo'yi 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.

1



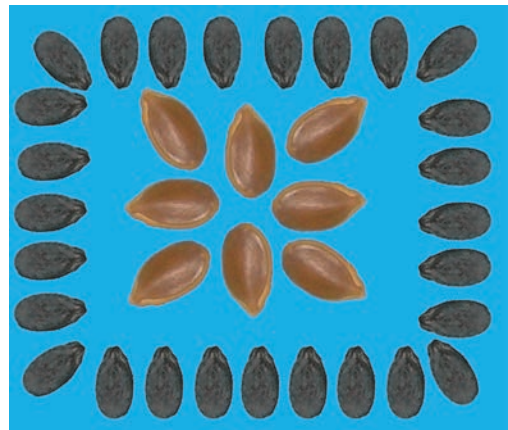
2



3



NAQSH ISHLASH





TABIY 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 qopqog'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 quloq, burun, ogʻizini, shuningdek, panja va dumlarini qogʻozdan andaza asosida qirqib yopishtiring. Qopqoqlarni bir-biriga plastilin yordamida biriktiring. Koʻzini flomasterda chizib qoʻying.



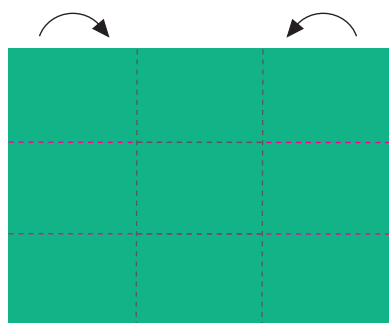


Yasab ko'ring

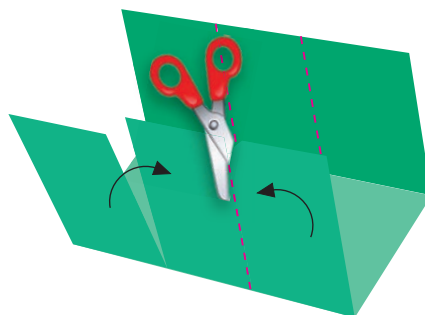




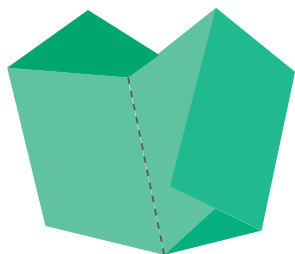
QOG'UZDAN SAVATCHA YASASH



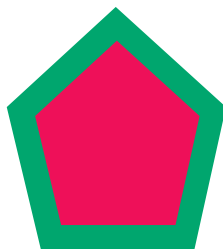
1



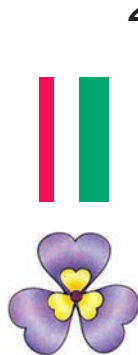
2



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6

Rasmda bosqichma-bosqich bajarish yoʻllari koʻrsatilgan. Diqqat bilan kuzatib, ishni bajaring.



1



2



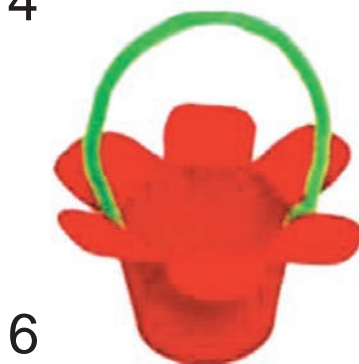
3



4



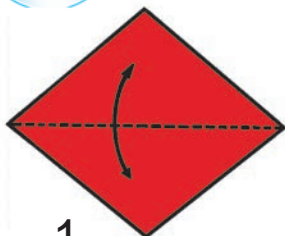
5



6



QOG'OZNI BUKLASH USULIDA GUL YASASH



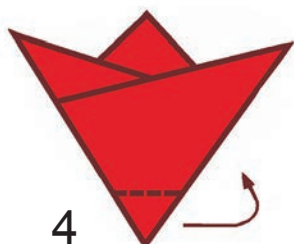
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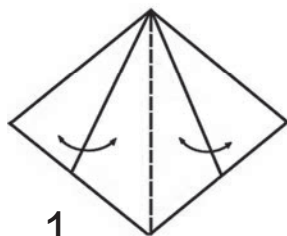
4



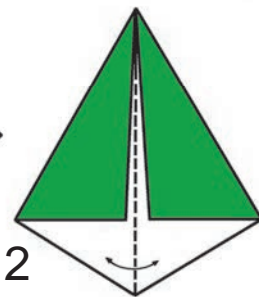
5



6



1



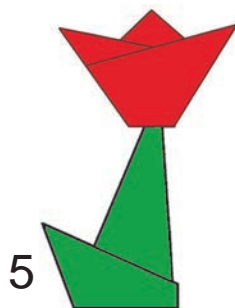
2



3



4



5



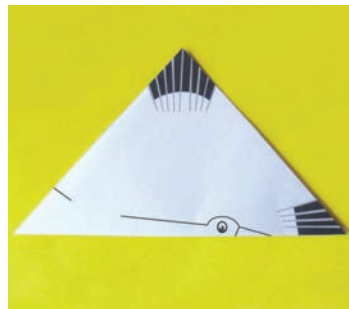


QOG‘OZDAN OQQUSH SHAKLINI YASASH

1



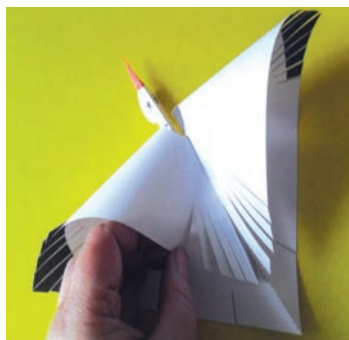
2



3



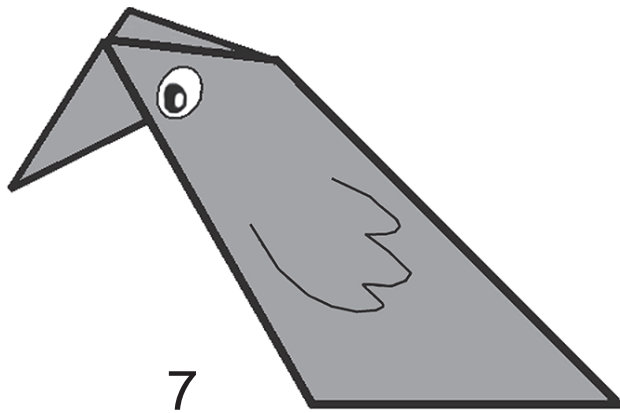
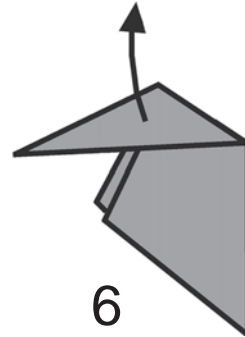
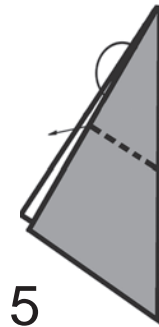
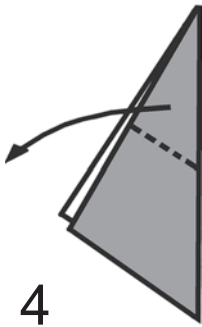
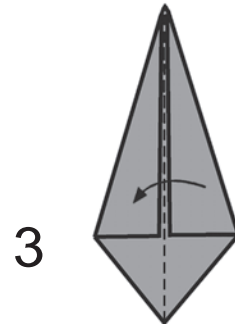
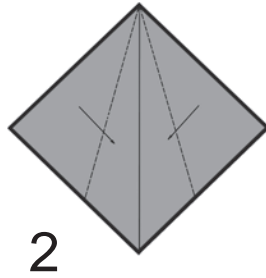
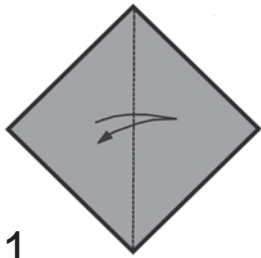
4



5

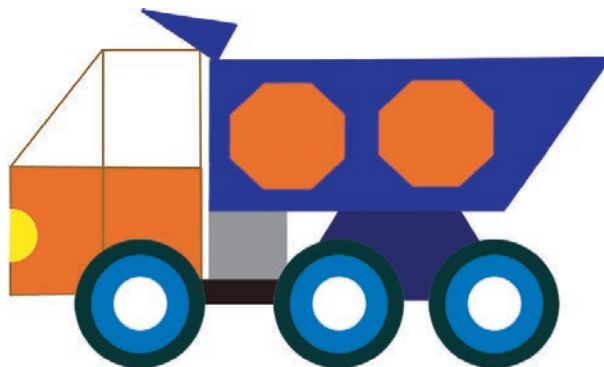


KUZATING VA YASAB KO'RING





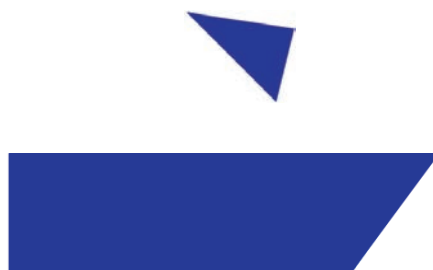
GEOMETRIK SHAKLLARDAGI QOG'OZDAN MASHINA QURISH-YASASH



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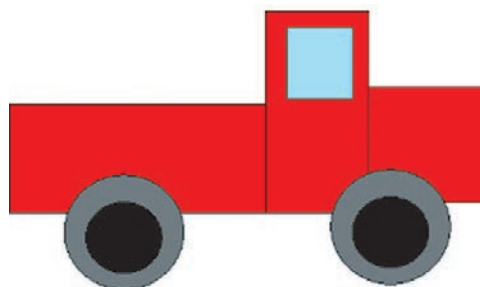
5



9

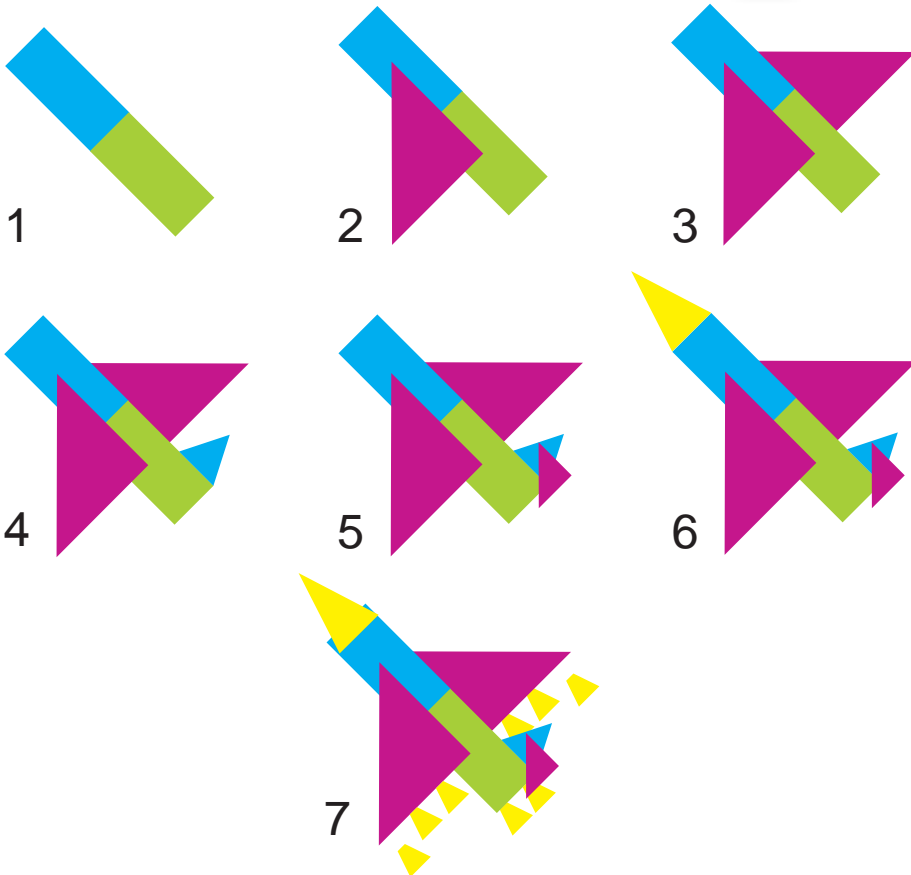
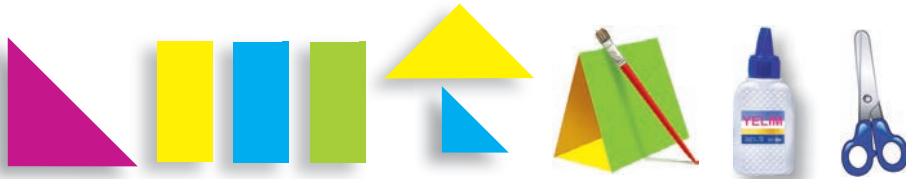
KUZATING VA YASAB KO'RING

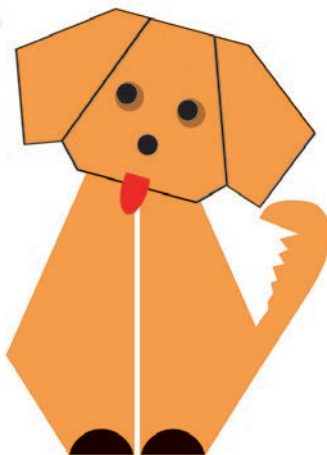
Rasmda qanday mashinalar tasvirlangan?
Ushbu rasmlarga qarab o'zingiz mashina
shaklini mustaqil yasab ko'ring.

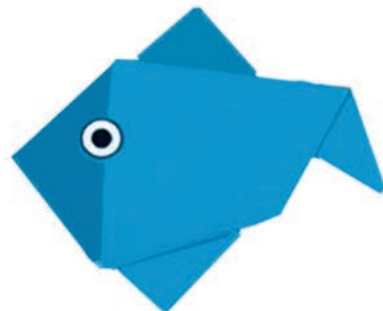


MUSTAQIL ISHLASH UCHUN TOPSHIRIQ

Qanday yasalishini o'ylang!
Yasashga harakat qiling.







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