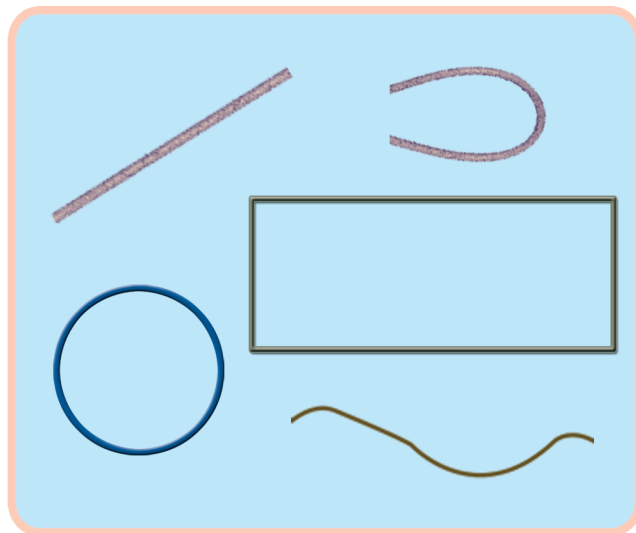


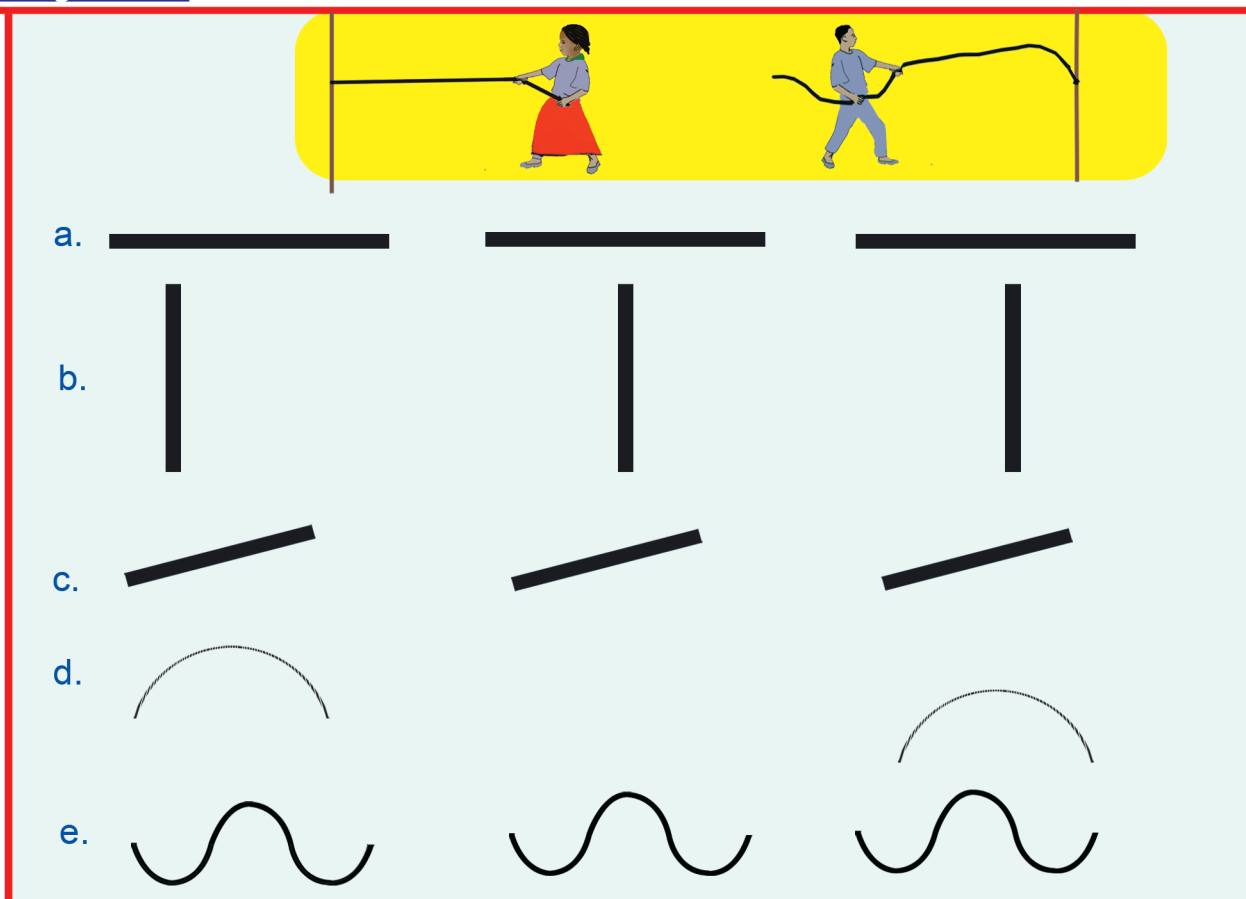
CUTUBKA 8aad

XARRIIQAHA IYO SHAXANADA FUDUD



8.1 Xarriiqaha Toosan iyo xarriiqaha xoodan

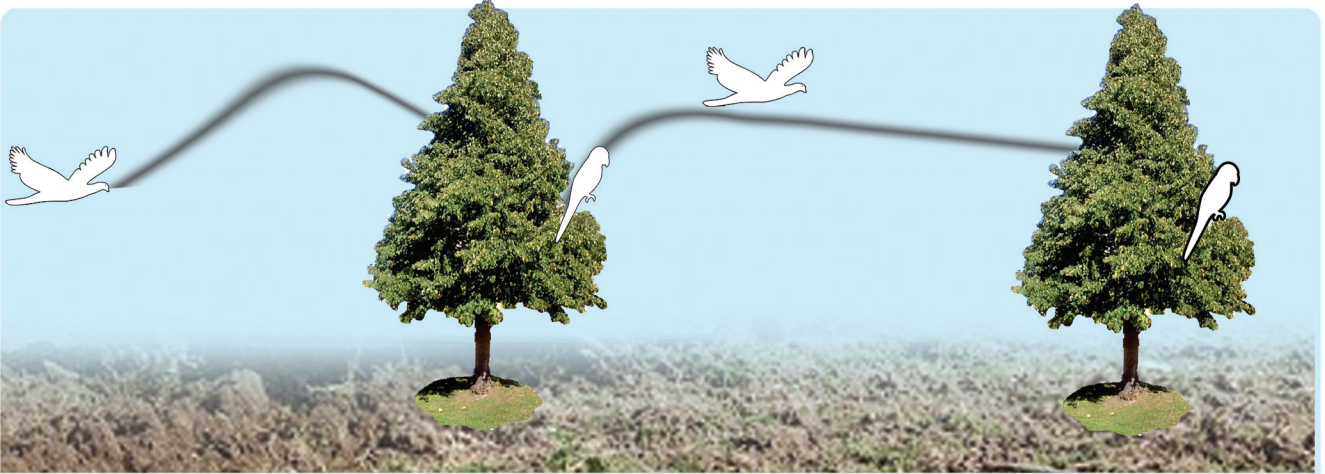
Hawlgalka – 1



- Hawlgalka-1** – U hogaami ardayda inay u kala soocaan xarriiqaha sare ku xusan xarriiqaha toosan iyo xarriiqaha xoodan.
- Ardaydu inta ay farahooda mid ka mid ah fidiyaan matalahaan ha tijaabiyaan inay sawirada xarriigaha toosan iyo xarriigaha xoodan hawada ku sawiraan. kadibna sawirada buuggaagtooda ha ku sawiraan iyaga oo ku celcelinaya.



Hawlgalka – 2



Hawlgalka- 3

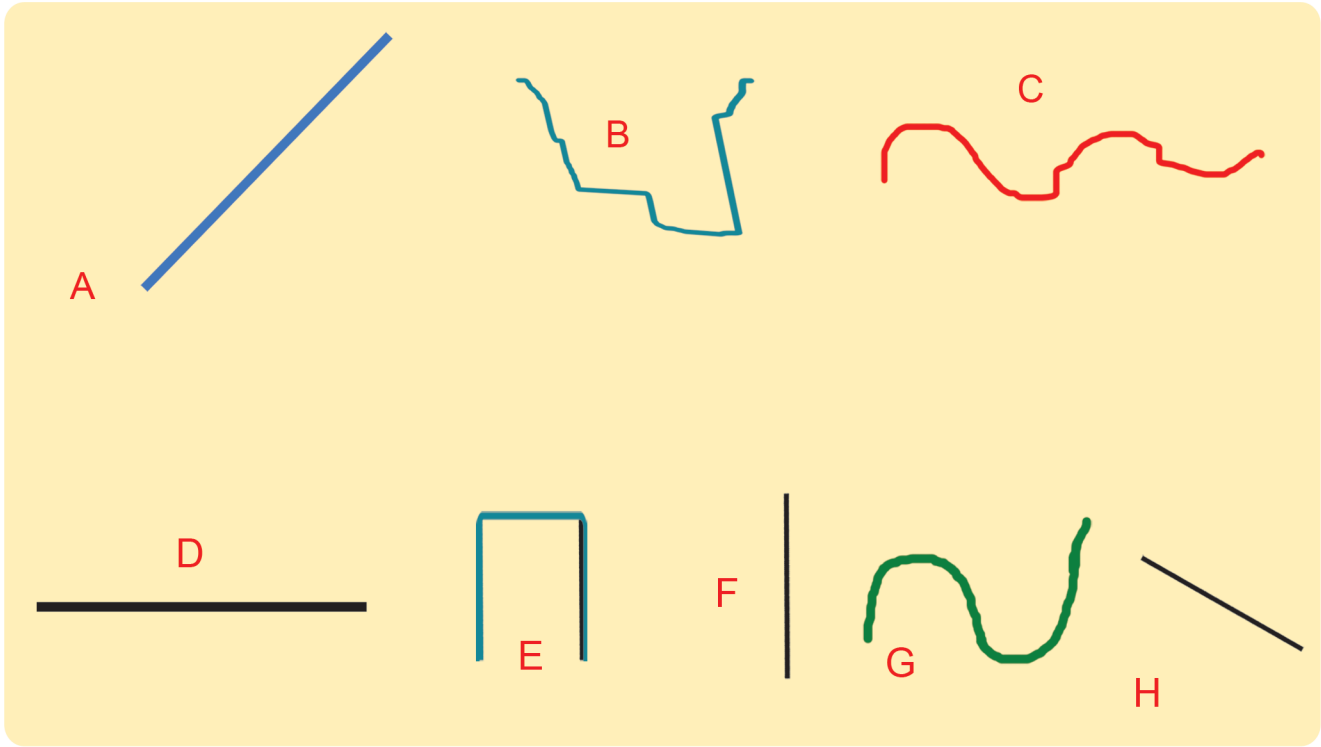


Hawlgalka-2 Ardaydu waxyaabaha kala duwan ee sawirada sare ku xusan wadooyinka ay marayaan ha u kalasaareen xarriiq toosan iyo xarriiq xoodan.

Hawlgalka-3 Hawl-kooxeed rdaydu waxyaabaha ku xeeran ee laga helo agagaarkooda inta ay soo indhaindheeyaan ha u kala saareen xarriiq toosan iyo xarriiq xoodan.
Kadibna ardaydafasalkooda ha u soo jeediyaan.



Laylis – 1



Xariiq toosan

A

Xariiq xoodan

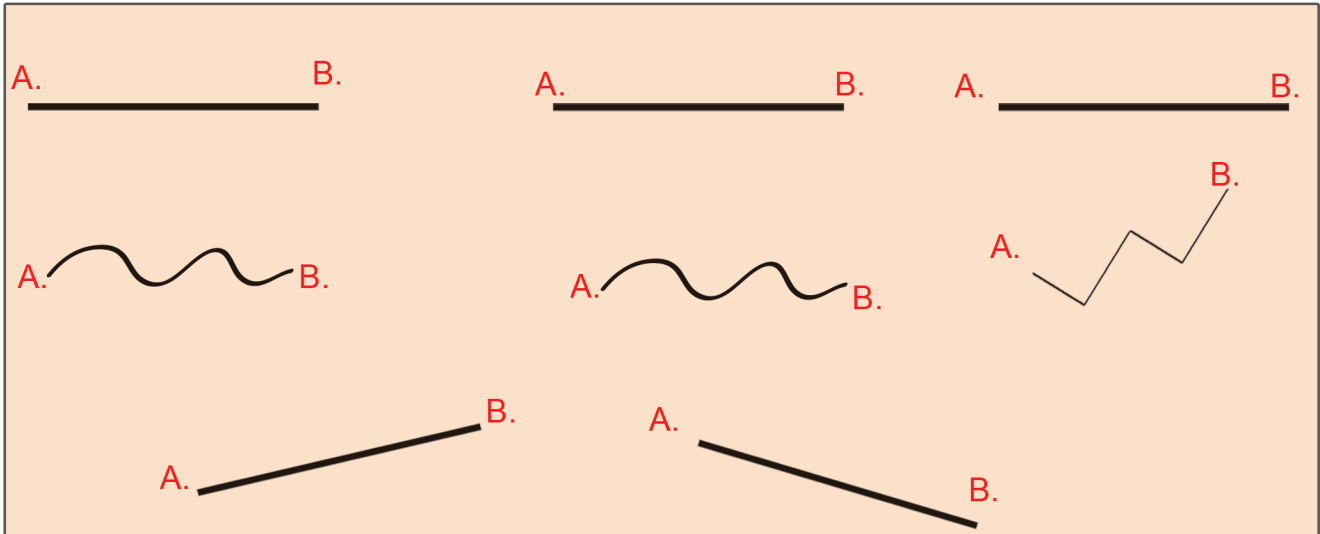
B

Laylis- 1

Ardaydu xarriiqaha sare ku xusan ha u kala saareen xarriiq toosan iyo xarriiq xoodan; kadibna xarafka ku dul qoran xarriiqaha haku qoraan meelaha bannaan ee tilmaamaya nooca xarriiqaha sida ku cad tusaalaha la siiyey.



Hawlgalka – 4



Laylis - 2

a. 1 ————— 2	1, 2	1, 2
b. 1 / 2	1, 2	1, 2
c. 1 ~~~~~ 2	1, 2	1, 2
d. 1 / / / / 2	1, 2	1, 2

Hawlgalka-3

Ardaydu iyaga oo adeegsanaya farahooda ha u kala saaraan ardaydu iyaga oo adeegsanaya farahooda labada barood A iyo B xarriiqaha isku xidhiidhinaya ee sare ku xusan ha u kala saaraan xarriiq toosan iyo ku xeedan.

Laylis -2

Ardaydu sida ka muuqata shaxda layliska 2^{aa}d tusaalaha dhinaca bidix ee ku tusaya xarriiqaha toosan iyo xarriiqaha xoodan sida labada barood la isugu xidhiidhiyay iyaga oo ku salaynaya labada dhianc ee kale ha u xarriiqaan iyaga oo isticmaalaya mastered I.W.M.

8.2. SHAXANNADA FUDUD

Hawlgalka- 5



Laylsi - 3

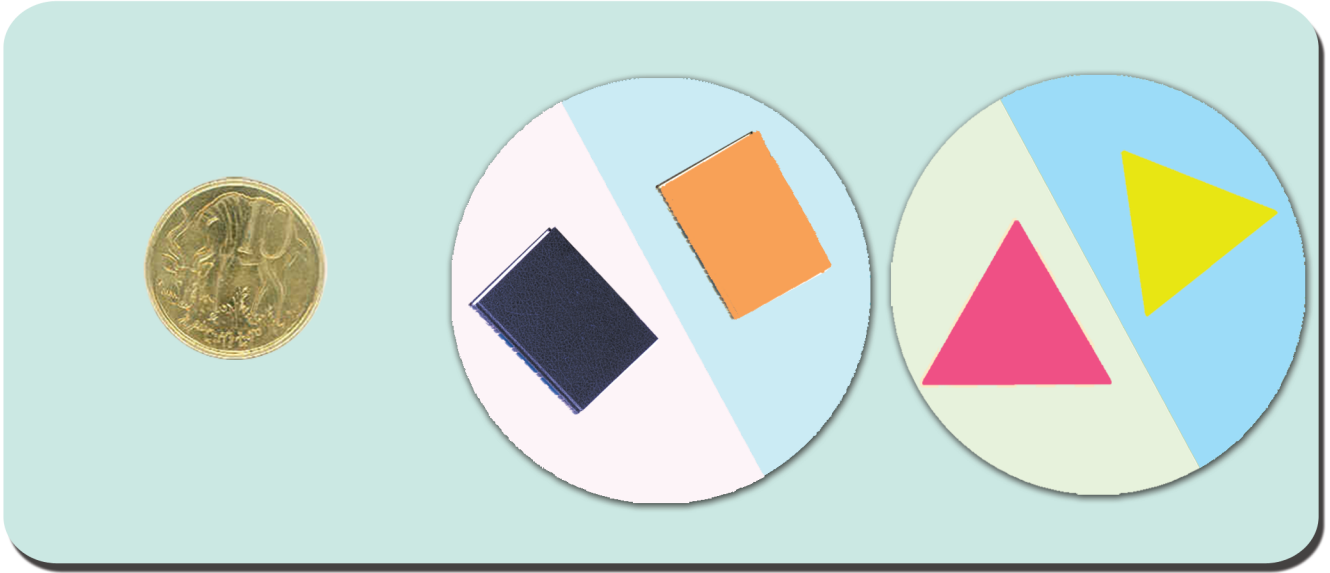


Hawlgalka -5 Ardaydu shaxanada sare ku xusan ee Hawlgalka 5^{aad} ha u kala saaraan Afar-dhinacle saddex-dhinacle iyo goobo. Shay qaabka goobada leh sida shilinka inta ay adeegsadoan ha sawiraan goobo.

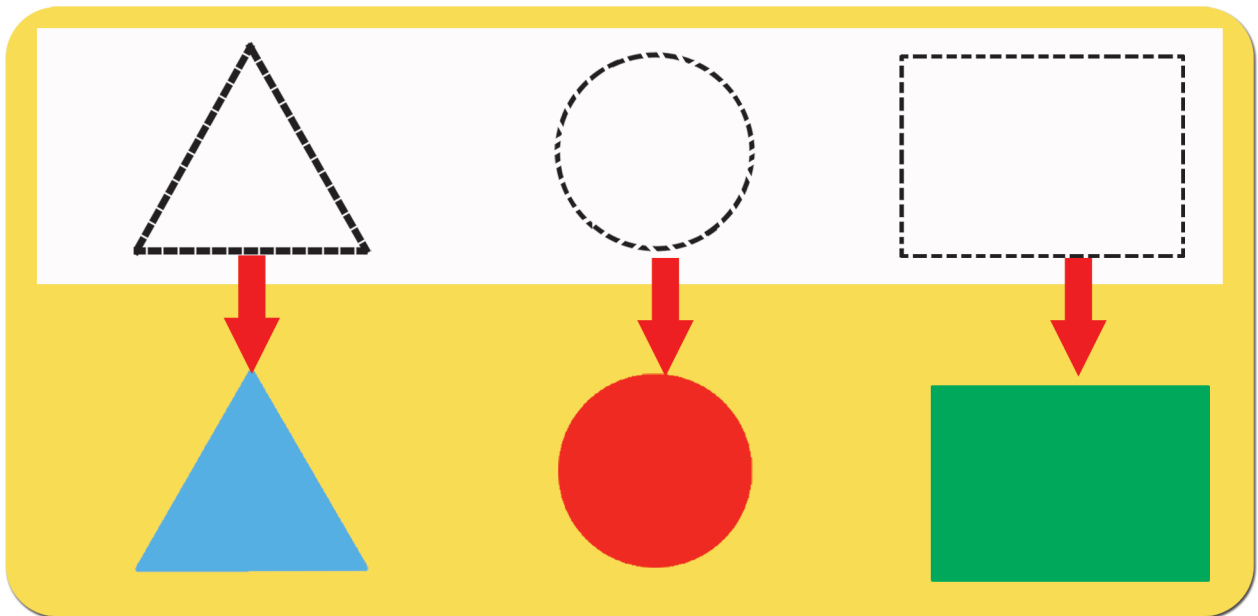
Laylsi-3 Ardaydu waxyaabaha laga helo agagaarkooda sida kuwa leh qaabka Afar-dhinac saddex-dhianc iyo goobada iyaga oo ka samaynaya warqado qaabka shaxanka ha u sheegaan fasalka.



Laylis - 4



Hawlgalka -6



Laylis -4

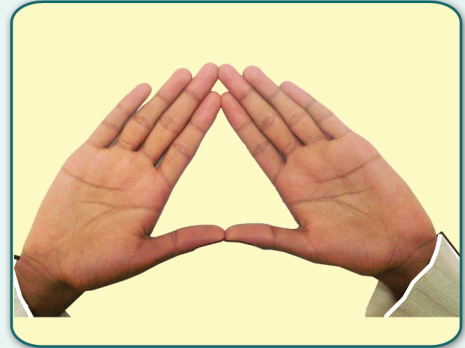
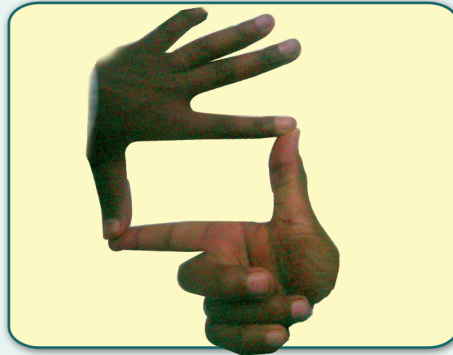
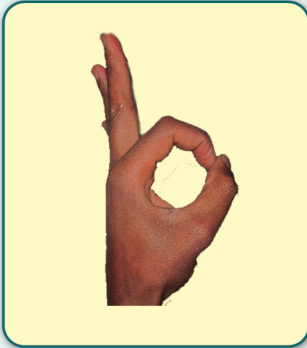
Wax yaabaha agagaarkooda laga helo sida shilinka furka dhalooyinka cidhifyada buugtooda iyaga oo isticmaalaya ha sawiraan, goobo, Afar-dhinacle iyo saddex-dhinacle. (saddexagal)

Hawlgalka -6

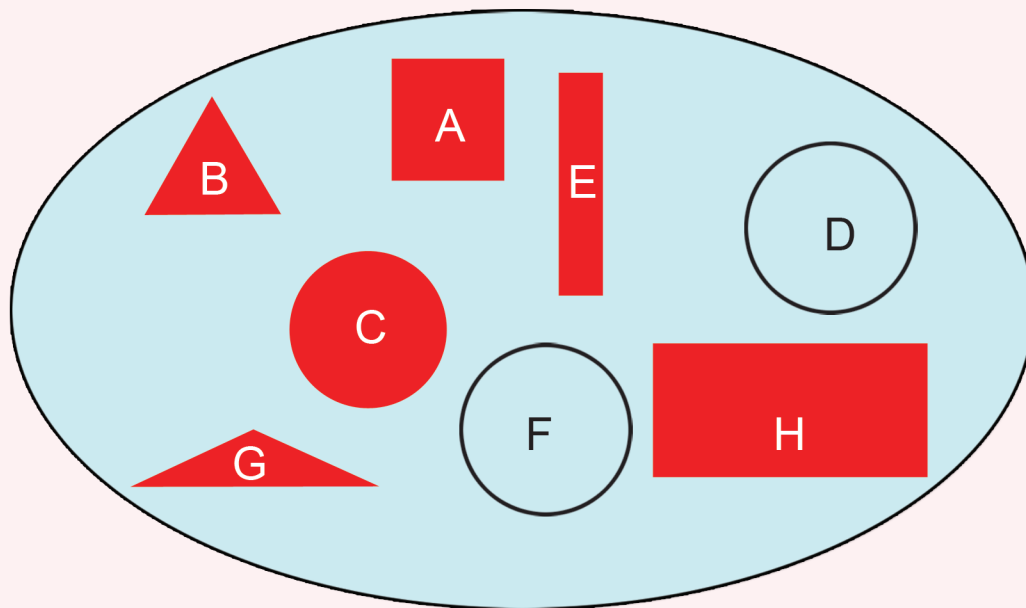
Dhibcaha ama baraha inta ay isku xidhiidhiyaan ha ka sawiraan (sameeyaan) shaxanka. Isla markaana ha sheeqaa shaxanka falaadha lagu tilmaamay.



Hawlgalka – 7



Hawlgalka– 8



saddexagal

B

Afar-dhinacle

goobo

Hawlgalka-6

lyaga oo isticmaalaya farahooda ha tilmaamaan qaababka shaxanada sida saddax- dhinacle, goobo iyo afar-dhinacle.

Hawlgalka -7

lyaga oo koox koox ah koox kasta shaxanada ha ku kala meelayso meesha u ku tirsan yahay.



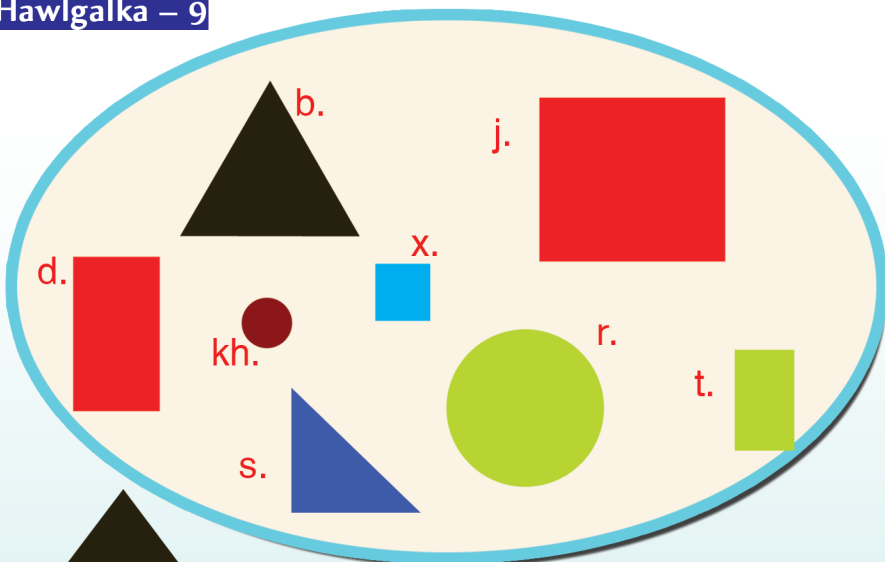
Laylis – 5

A			
B			
C			

Laylis -5 Xarriiqaha googo'an inta ay isku xidhiidhiyaan ha sawiraan saddex-dhinacle, afar-dhinacle iyo goobo.



Hawlgalka – 9



b. Saddax-dhinacle, (Saddexagal)

t. afar-dhinacle

j. _____

x. _____

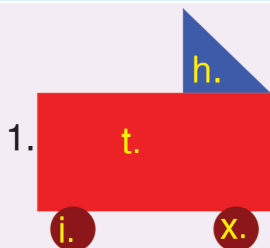
kh. _____

d. _____

r. _____

s. _____

Laylis – 6



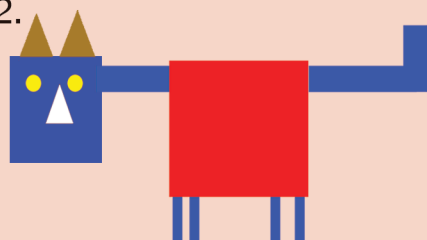
b. saddax-dhinacle(saddexagal)

t. _____

J. _____

x. _____

2.



shaxankani imisa goobo ayu leeyahar? _____

Imisa saddax-dhinnacle ayuu leeyahay? _____

Imisa afar-dhinacle ayuu leeyahay? _____

Hawlgalka-9

Shaxanada la isku ururiyey ee goobada ku jira magaacdooda ha qoraan. Iyada oo la isticmaalayo saddax-dhinacle afar-dhinacle iyo goobo sida shaxan guri ueg looga sameeyay ha u fiirsadaan. Kadibna iyaga oo koox koox ah ha sameeyaan qaabab kala geddisan.

Laylis-6

1. Ha sheegaan sawirka samaystiisa shaxanada la isticmaalay.
2. Ha sheegaan oo ha qoraan tirada goobada ,saddax-dhinaclaha iyo afar-dhinacle ee sawirka lagu sameeyey.