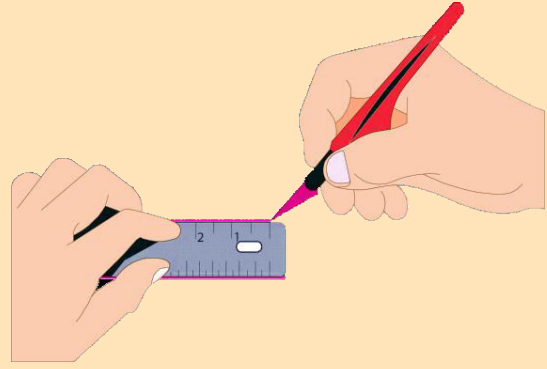


Cutubka

# 6aad



## XARRIIQAHA IYO SHAXANNADA KALE EE FUDUD

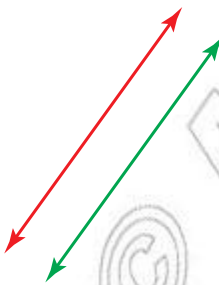
### 6.1 XARRIIQHA ISGOOYA, XARRIIQAHA BARBAR-RADA AH IYO XARRIQABA ISKU QOTOMA

#### B Xariiqo barbaroah

Xaashi cad inta ad qaadiin idinka oo cidhifyada si taxadar ah. Qumaati iskugu simaya laaba. Waraaqda ad laabteen hadana sidaas oo kale u laaba.

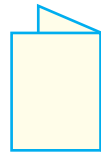
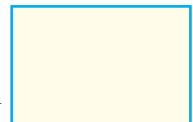
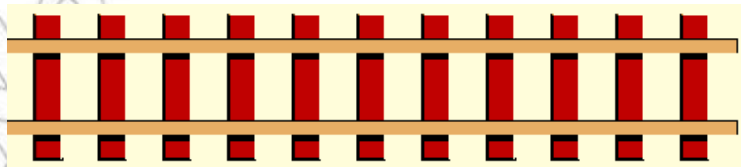
- Waraaqda ad laabteen intaydaan fidinin horteed meelaha laga laabay waxay u ekaan karayaan bal maleeya (ka fikira).
- Waraaqda aad laabteen marka aad fidisiin dabadeed. Meelaha ay ka laabnayd xariiqo ku sameeya.

*Malihiiinu ma hagagsanaa?*



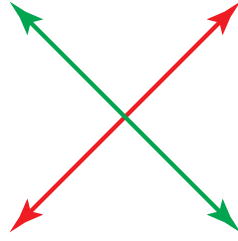
Labada xariiqo ee ad samayseen fiiriya. Labada xariiqo malaha bar-kulan si kasta oo loo fidiyo. Labada xariiqo ee ad sawirteen waxa lahyidhaahdaa. Xariiqyo barbaro ah.

Laba xariiq oo toosan oo aan meelnaba ku kulmayn si kasta oo loo fidiyo waxaa loo yaqaan xariiqyo barbaro ah. Fogaanta laba xariiq oo barbaro ah qoton ahaan ugu dhexaysaa, meel waloo laga qaadaba, waa miduun.



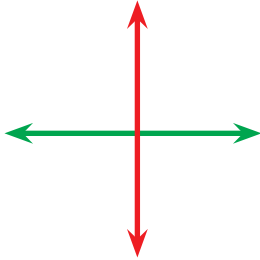
### T Xariiqyo isgooya

Xariiqyada isgooya waa xariiqaha hal bar-kulan leh.



### J Xariiqyo isku qotoma

Xariiqaha isku qotoma waa xariiqyo isgooya oo isla markaana xaglaha ay sameeyaani ay iswada leegyihiin



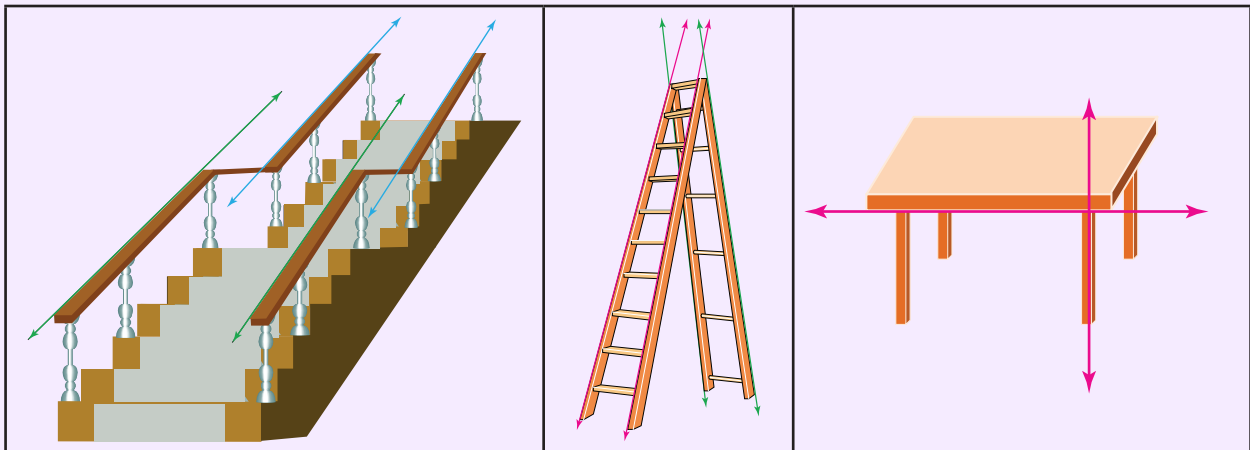
Xariiqyo isku qotoma

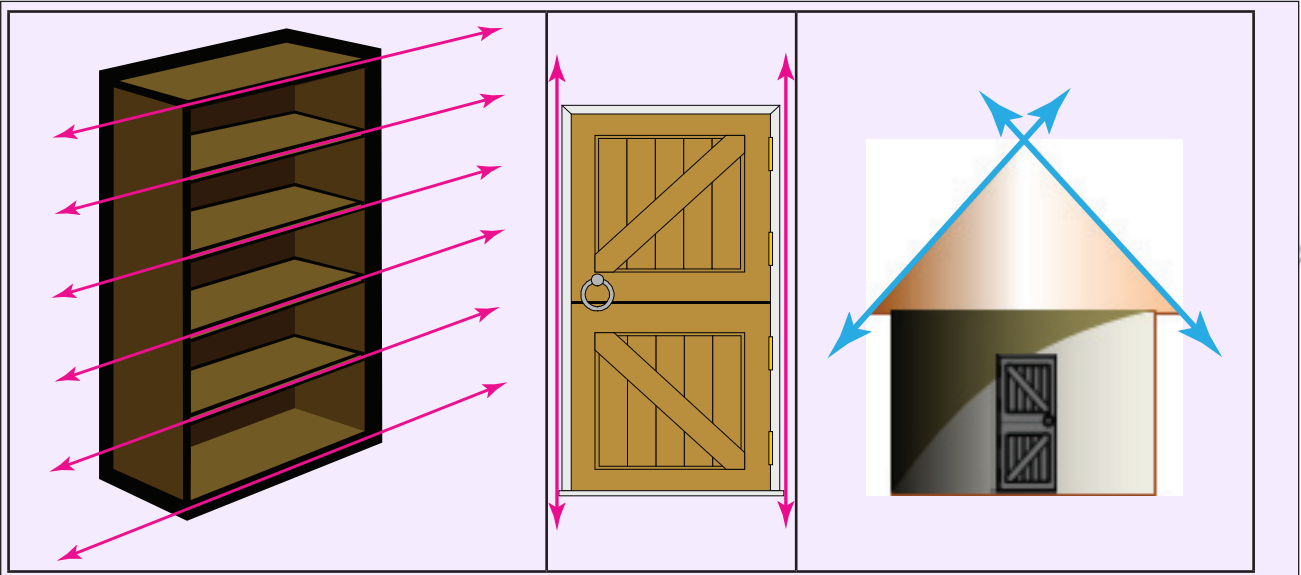


ma aha xariiqyo isku qotoma

### Hawlgal 6.1

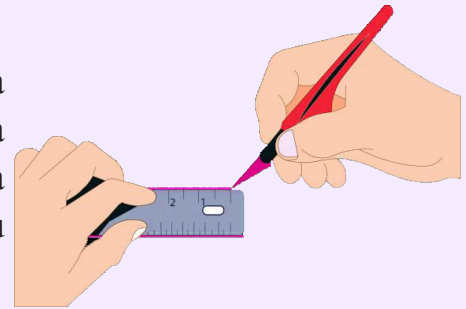
*Idinka oo laba laba ah sawiradan hoos ku xusan u fiirsada kadibna sheega xariiqyada barbarrada kuwa isgooyayaasha ah iyo kuwa isku qotoma.*





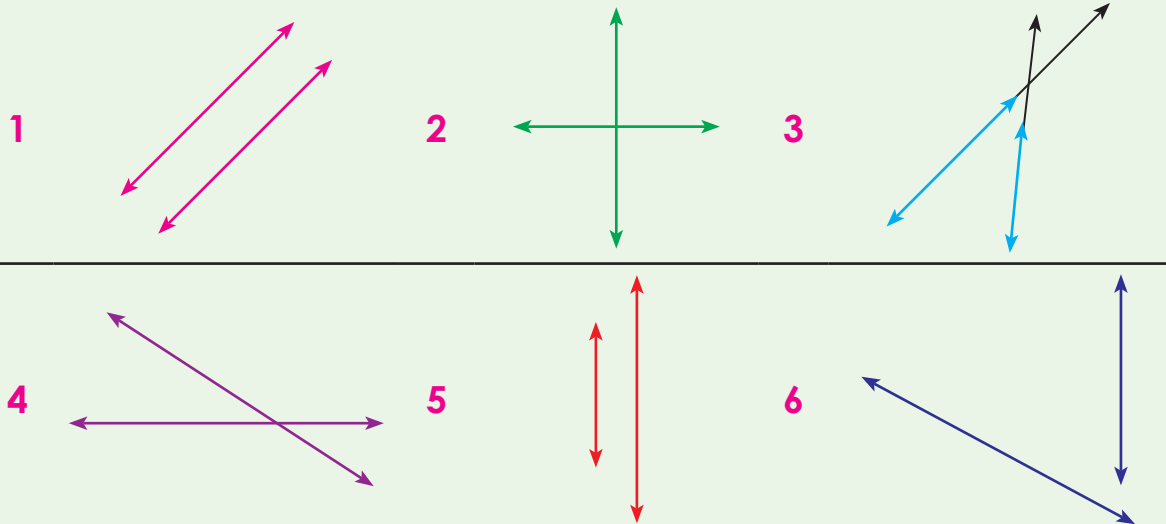
### Hawlgal 6.2

- 1 Fasalkiina dhexdiisa waxyaalaha, hareerihina ad ku aragtiin dushooda u fiir sada oo tilmaama, Xariiqadooda barbarada ah iyo kuwa isgooyayaasha ah iyo kuwa isku qotoma.
- 2 Fasalka dhexdiisa saaxiibkaaga ku ag fadhiya ka wada xaajooda. Xariiqyada barrarrada ah iyo kuwa isgooyayaasha ah iyo kuwa isku qotoma. Kadibna erayadiina inta ad ku sheegtiin buugaagtiina ku qora.
- 3 Sida ad sawirka ugu aragtiin laba xariiqyo oo barbaro ah idinka oo adeegsanaya mastarad ama waxyaalaha aad agagaarkiina ka heshiin sida girgirka buugtiina ku sawira.
- 4 Xariiqyada barrarrada ah ee ad sawirteen dushooda ku sawira xariiq kale oo ku gudban oo labadooda goynaya ama la kulmaya.



### Laylis 1

*Sawiradan hoos ku xusan buugaagtiina ku guuriya kadibna sheega kuwa barrarrada ah iyo kuwa isgooyayaasha ah iyo kuwa isku qotoma.*



Sawirkan hoos ku tusan u firso kadibna xariiqyada. Barbarada ah iyo kuwa isgooya yaasha midabkooda kukala sooc.

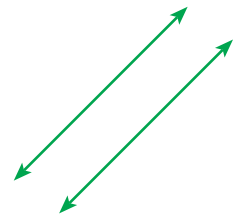


## 6.2 DHISIDDA XARRIIQO BARBARRO AH XARRIIQO ISGOOYINAYA IYO XARRIIQO ISKU QOTOMA

### 6.2.1 XARRIQAHA BARBARRADA AH

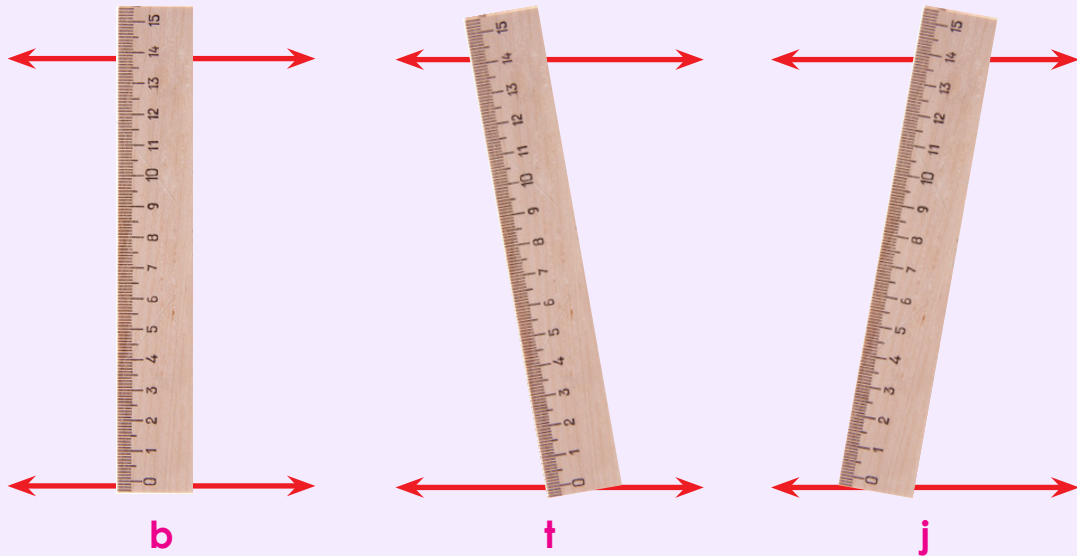
#### Xusus

- ☞ Xariiqyada toosan oo barbaro ah ma laha bar-kulan ama ma jirto bar ay wadaagaani
- ☞ Fogaanta laba xariiq oo barbaro ah. Qoton ahaan ugu dhexaysaa meel kasta oo laga qaadaba waa isku mid.



### Hawlgal 3

- 1 *Qaab cabbirista fogaanta u dhexaysa xariiqyada barbarada ah ee hoos ku xusan midda quman sheeg*

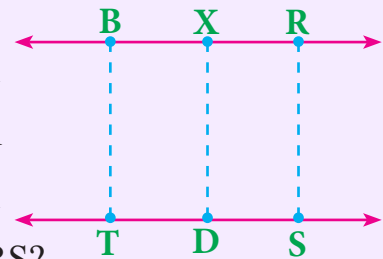


**2** Ufiiro xarriiqyada barbarrada ah, ee hoos lagu muujiyay: Adiga oo adeegsan-aya mastarad. Cabbir fogaanta baraha la tilmaamay

Fogaanta u dhaxaysa barta B iyo barta T waa \_\_\_\_\_ sm

Fogaanta u dhaxaysa barta X iyo barta T waa \_\_\_\_\_ sm

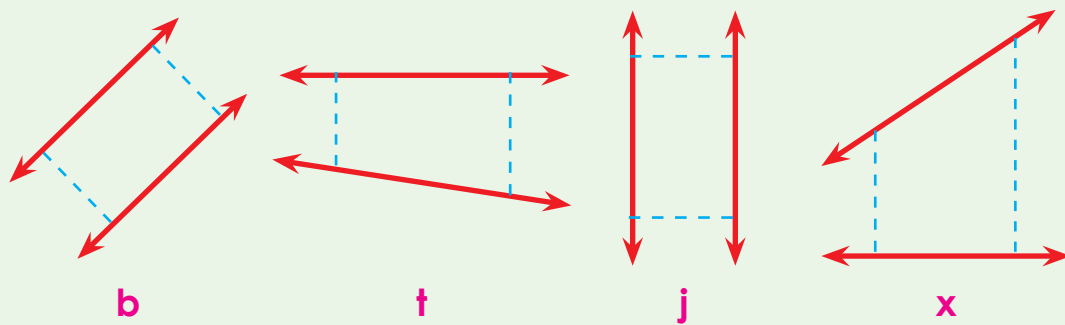
Fogaanta u dhaxaysa barta R iyo barta T waa \_\_\_\_\_ sm



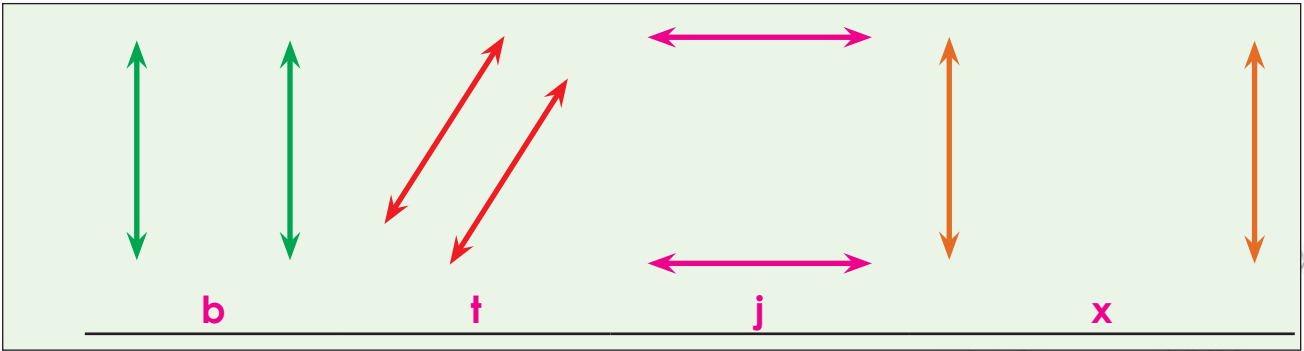
Maxaad ka sheegi kartaa dhererka xariiJimaha BT, XD iyo RS?

**Laylis 2**

**1** *Xarriiqyada a laba labada (lammaanaha ama qindiga) ah ee hoos lagu muujiyay hubi oo kala sheeg kuwa barbarrada ah. Iyo kuwa aan ahayn adiga oo fiirinaya in fogaanta, labada xarriiqo ay miduun tahay meel waloo laqaato.*



**2** *Cabbir fogaanta u dhaxaysa xarriiqyada barbaroda ah.*



### 6.2.2 DHISIDDA XARIIQO BARBARO AH

Xarriiqyo barbaro ah in aad sawirtid, waxaad adeegsan waxyaalo kala gadisan sida, buugtiina cidhifyada toosan leh ama mastared iyo wax kasta oo agagaarkaaga ad ka heli kartid oo cidhifya toosan leh.

#### Tusaale I

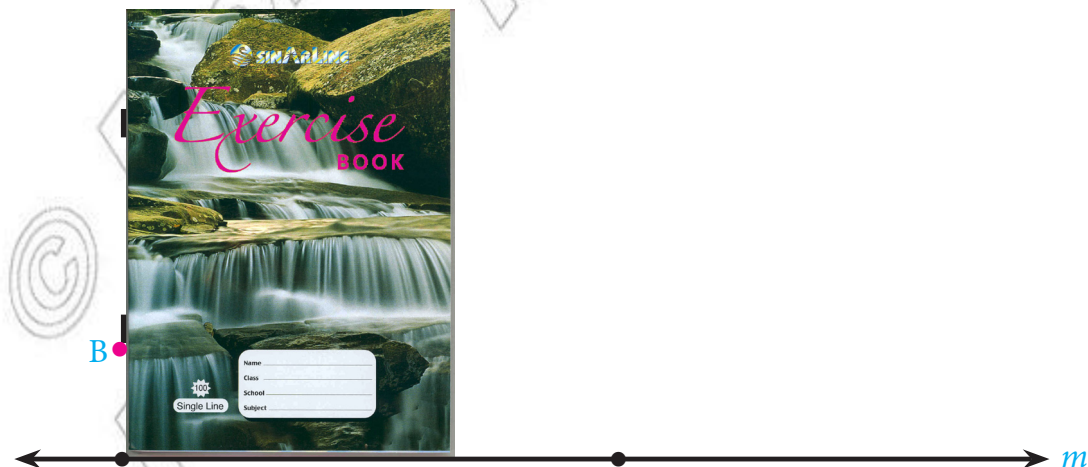
Sawir laba xarriiqyo toosan oo barbaro ah.

Adiga oo adeegsanaya buugta aad casharada ku qoratid midkood sida sawirka hoos lagu muujiyay.

- 1 Ugu horaanta adiga oo isticmaalaya buuga cidhifkiisa xarriiq toosan same oo ku magacaw m



- 2 Kadib sida sawirka hoose lagu muujiyay buuga duldhig xarriiqa oo cidhifkiisa hoose, ku beeg xarriiqa. Biinka hoose ee xaashiyaha buuga, bar ku calaamadee oo kumagacaw B.





- 3 Kadibna buuga dhinaca midigta u yar jiid. Oo hadana bar kale meesha biinkaas hoose kubeeqan ku calaamade oo ku magacaw T.



- 4 Ugu danbaysta labada barood B iyo T mastarad adiga oo isticmaalay isku xidhiidhi oo xarriiqaad samaysay ku magacow l. Sidaas darteed l iyo m waa laba xarriiq oo barbaro ah.



## Tusaale 2

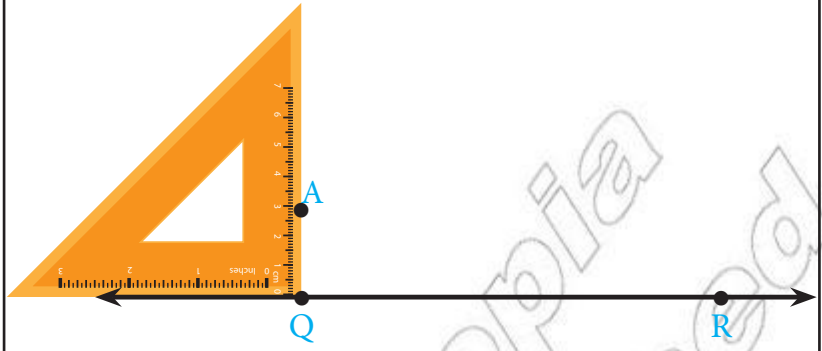
Adiga oo adeegsanaya mastered sawir xariiqyo barbaro ah oo fogaansho 3 sm iskujira. Si ad u sawirtid xariiqaha barbarada ah ee 3 sm kala fog raac qodabadan hoos ku tusan.

- b Marka u horaysa adiga oo adeegsanaya mastarad sawir xariiq toosan ku magacaw QR.



†

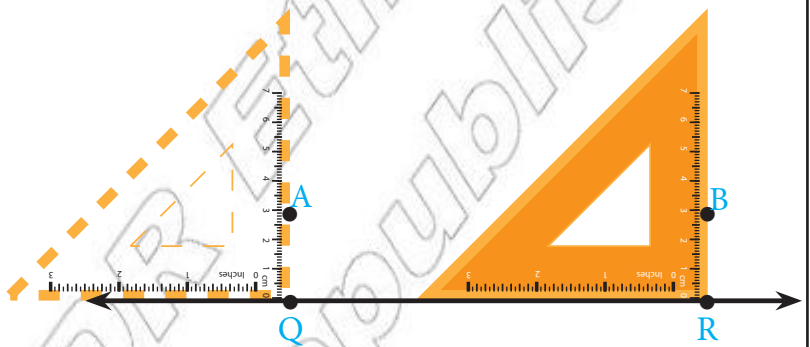
Kadib sida sawirka lagu muujiyay mastaradda barteeda u taagan eber (0) ku beeg barta, xariiqa dushiisaa ee ad ku magacawday Q. U fiirso mastarada barteeda u taagan eber



(0) waxay leedahay xariijinyar. Sidaas darteed xariijintaa yar ku beeg xariiqaa ad sawirtay si ay mastaradu ugu qotonto xarriiqa. buugaaga bar ku calaamadee meesha La siman mastarada barteeda u taagan 3. Magacaw bartaas (kaba dhig A)

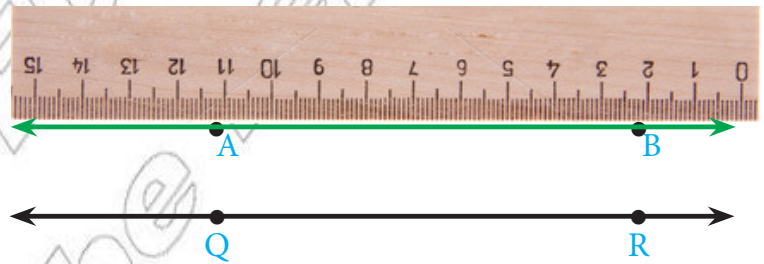
J

Kadibna mastarada barteeda u taagan eber (0) ku beeg barta R oo raac sida korka ad ka samaysay adiga oo ku magacaabaya. B barta mastarada u taagan 3.



x

Ugu danbaysta adiga oo isticmaalaya mastaradda. Sawir xariiqaa dhaxmara barta A iyo barta B.



Labada xarriiqo ee toosan ee ah QR iyo AB waa xarriiqo barbaro ah oo fogaanta qoton ahaan u dhexaysa ay tahay 3 sm.

### Laylis 3

1

Adiga oo adeegsanaya mastaradda sawir xarriiqo barbaro ah oo fogaanta u dhexaysaa ay tahay

b 2 sm

† 4 sm

j 1 sm

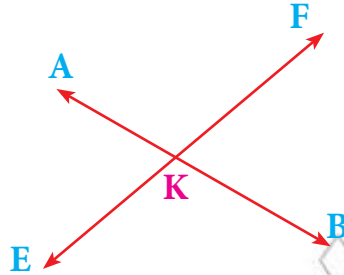
### 6.2.3 DHISMAHA XARIIQO ISGOOYAYA

Laba xariiqo oo sallax ku wada yaala haddii ay leeyihiin bar-kulan ama ay bar wadaagaan waxa loo yaqaana xariiqo isgoosayaal ah.



## Tusaale:

- Barta k waa bar ay wadaagaan labada xariiqo ee toosan ee kala ah AB iyo EF. Sidaas darteed xarriiqahan ee toosan. AB iyo EF waa xariiqyo isgooya.



- Barta k waa bar-kulan ka labada xarriiq ee toosan AB iyo EF.

### Hawlgal 6.4

Inta ad koox koox isku kooxaysiin waaydiimahan hoose marka ad iska warsatiin dabadeed Jawaabihiina u cadeeya saaxiibayaashiina ee aad isku fasalka tihiin.

- 1 Laba xariiqo toosan oo aan ahayn barbaro imisa bar-kulan ayay yeelan karayaan?
- 2 Laba xariiqo toosan oo isgooyaa suuragal ma noqon in ay yee shaan laba baro oo ay wadaagaan? Waayo?
- 3 Laba xariiqo toosan oo isku sallax ah, ayaa markii laba meelood oo kala gadison laga cabbiray fogaan qotonahaan ah ay fogaantoodu noqotay 10 sm. Labada xariiqo maxay noqon karaan? Barbaro mise isgooyeaa?
- 4 Xariiq toosan BT iyo xariiq kale oo toosan MN ayaa la ogaaday inay barbaro yihiin. Sido kale xariiq toosan MN iyo xariiq toosan QR waa barbaro. Sidaas darteed ma odhan karnaa xariiq toosan BT iyo xariiqatoosan QR waa barbaro? Waayo?

### 6.2.4 DHISIDDA XARIQAHHA TOOSAN EE ISKU QOTOMA

Laba xariiqo toosan oo isgooyaa haddii barta ay iskugooyaan ama ku kulmaan ay ka sameeyaan afar xaglood oo isle'eg xaglahaas waxa loo yaqaanaa xagloo quman. Ufirso buugaaga xisaabta labadiisa girgir barta ay ku kulmaan xagasha ku taalaa waa xagal quman.

**XISAAB**

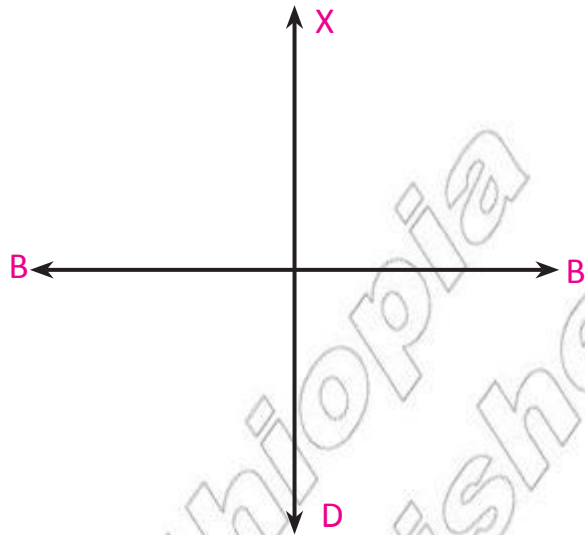
BUUGA ARDAYGA  
FASALKA 3<sup>aad</sup>

x	1	2	3	4	5	6	7
100				400			
200				1000			
300						2100	
400							
500	500						
600						3600	
800		1600					
900				2700			

Sambasad

NUMER BYTES & DIMORFADYADA EETORIYA  
KANSALKA WAXBARAADA

Xagal quman



Xariiq BT iyo xariiq XD waa xariiqyo iskuqotama. Xariiq BT qotome ayuu yahay xariiq XD. Sido kale xariiq XD qotome ayuu u yahay xariiq BT.

## B Dhisidda qotome maraaya bar xariiq ku taala

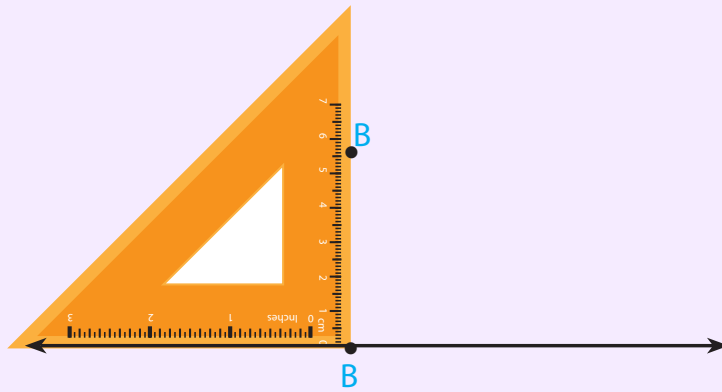
### Hawalgal 5

Xariiq toosan oo lagu siiyay oo ku magacaaban ‘ $l$ ’ u same qotome maraaya barta B ee xariiq ‘ $l$ ’ ku taalla. Si ad u samaysid labada xariiqyo ee isku qotoma raac qodobadan hoos ku dhigan.

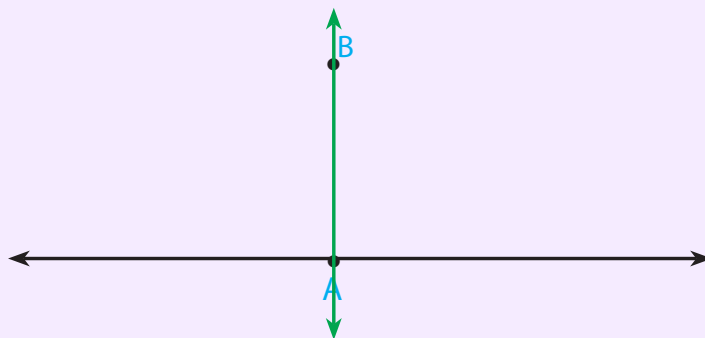
- 1 Ugu horaanta adiga oo isticmaalaya mastarad sawir xariiq ‘ $l$ ’ kadibna barta B dul dig



- 2 Kadib mastarada labadeed dhinac barta ay ku kulmaan ku beeg barta B isla-markaana mastaradda girgir keeda (kaba soo qaad dhinaca gaaban) toos ugu beeg xariiq ‘ $l$ ’. Dhinaceeda dheer girgirkeed bar warqada dusheeda ku calaamadee oo ku magacaw T

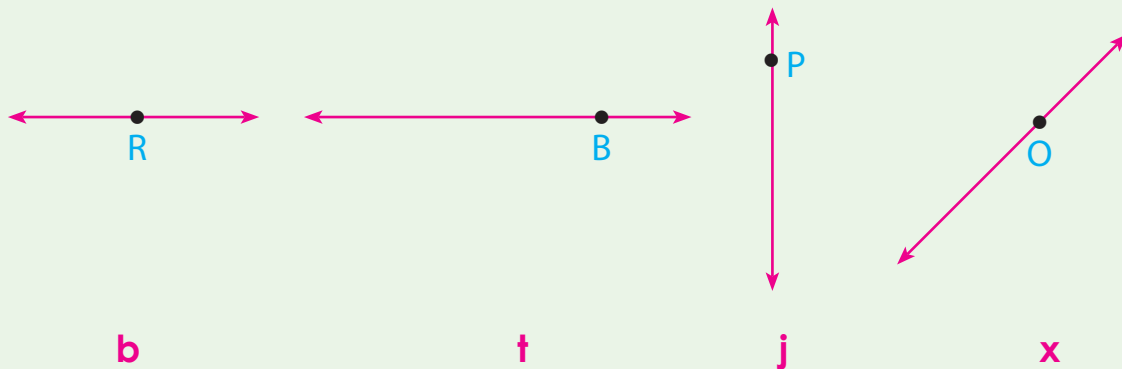


**3** Ugu danbaysta barta B iyo barta T xariiqo toosan ee mara jeex. Labada xariiqyo ee toosan oo ah xariiq ‘ ’ iyo xariiq BT waa xariiqyo isku qotoma.

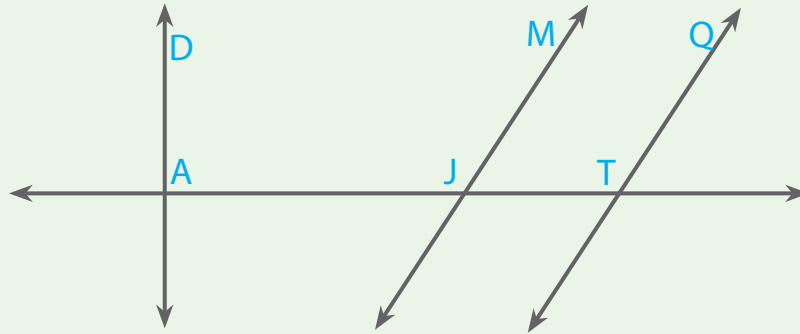


**Laylis 4**

**1** Xariiqyada toosan ee hoos lagu siiyay baraha ku yaala ee la magacaabay xariiq toosan oo maraaya oo qotoma u ah. Xariiqo u same adiga oo adeegsanaya mastarad.



**2** Sawirka hoos lagu muujiyay u fiirso, kadibna qindiyada (laba labada) xariiqyo ee barbaro, isgooyeyaal iyo kuwa iskuqotoma sooc oo qor.



## T Dhisidda qotome maraaya bar xariiq dibadda ka ah

### Hawlgaal 6

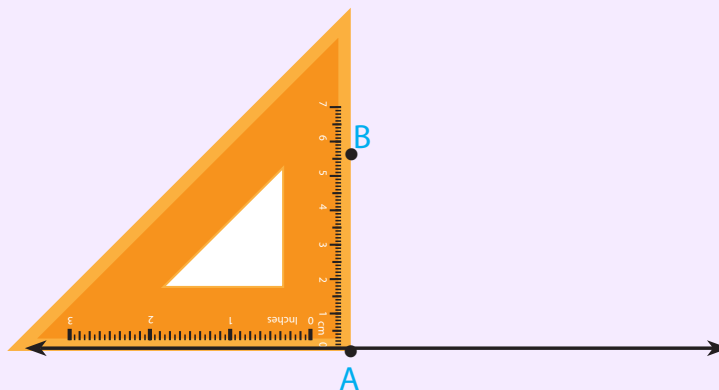
Xariiq toosan oo lagu siiyay u same xariiq toosan oo qotome u ah oo maraaya bar dibadda ka ah.

- 1 Ugu horaanta adiga oo adeegsanaya mastarad sawir xariiq toosan ee lagu siiyay. Xariiqaa magac ulabax(kaba dhigim). Calaamade bar xariiq dibadda ka ah. Ku magacaw B.

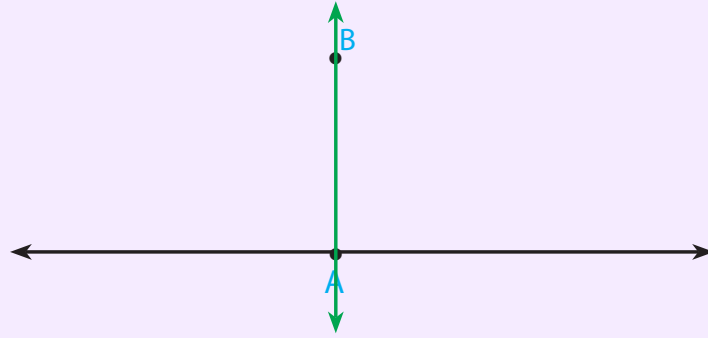


*m*

- 2 Kadib mastaradda dhinaceeda dheer girmirkeed ku beeg barta B, isla markana mastaradda dhinaceeda gaaban girmirkeeda toos ugu beeg xariiq. Meesha ay xagasha quman ee mastaradu ay kaga beegantay xariiq bar ku calaamadee kuna magacaw H.

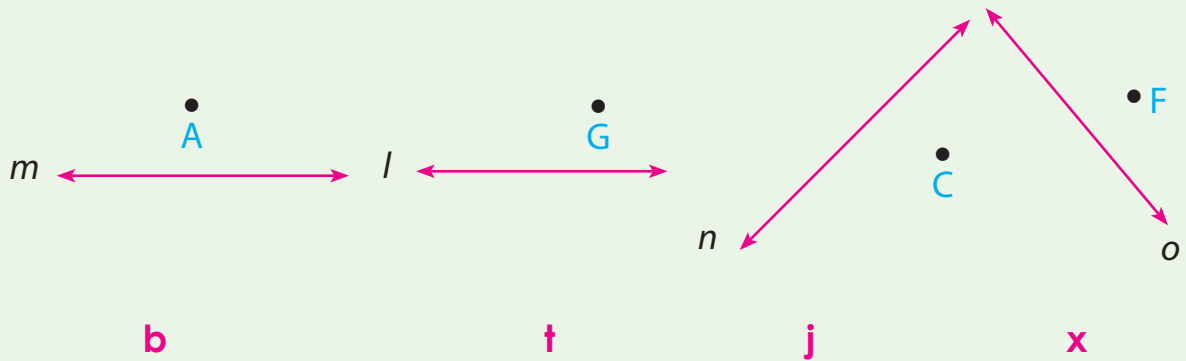


- 3 Ugu danbaysta xariiq toosan oo maraya barta B iyo barta H adiga oo adeegsanaya mastarad jeex. Labada xariiq ee toosan oo ah xariiq 'm' iyo xariiq BH waa xariiqyo iskuqotoma.



**Laylis 5**

1 Waydiimahan hoose b, t, J iyo x xariiqyada toosan ee la siiyay midkasta u same xariiq toosan oo qotome u ah oo maraaya barta dibadda ka ah ee la magacaabay.



2 Xariiq toosan ma loo samayn karaa laba xariiqo oo labadooduba qotome u yihiin xarriiqaa isla markaana maraaya bar xariiqaa dibadda ka ah? Waayo?

**6.3 LAYDI, LABAJIBBAARANE, BARBAROOLE IYO KOOR (TARAABIISAN)**

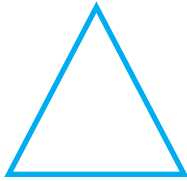
Waa maxay geesoole?

∞ Geesoole waa shaxan oodan, oo ka samaysan xariijimo midiba mid ku daba taxan tahay, isla markaasna laba xariijimoodna iskama dul gudbi karaan.

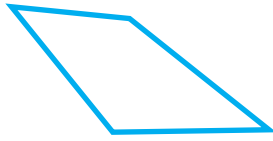


**T**usaale:

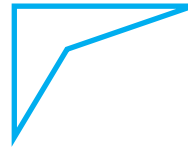
1 Shaxannadan hoos lagu muujiyay waa geesoolayaal.



**b**



**t**

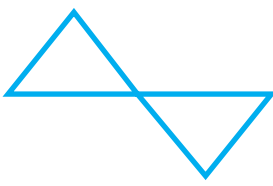


**j**

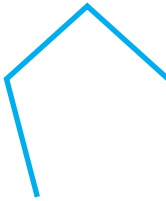


**x**

2 Kuwanise ma aha geesoolayaal



**b**



**t**

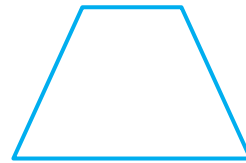


**j**

Ma (sharixi) kartaa afar-geesle waxa u yahay?

☞ Afar-geesle waa geesoole afar dhinac leh.

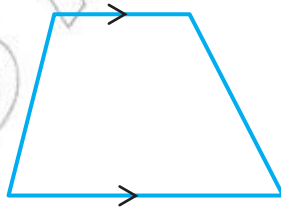
Shaxannadani waa afar geesleyaal.



Shaxanka hoose dhinaca bidixda ku sawiran waa Barbaroole.



*Barbaroole*



*Koor (taraabiis am)*



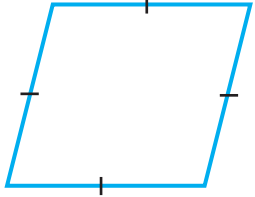
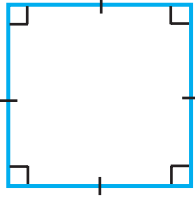
*Laydi*

Barbaroole waa afar geesle labadii dhinac ee iska soo horjeedaaba ay Barbaro yihiin isku dhererna yihiin.

Koor (taraabiisam): Koor (taraabiisam) waa afar geesle ay laba dhinac oo qudhaata ay barbaro yihiin.

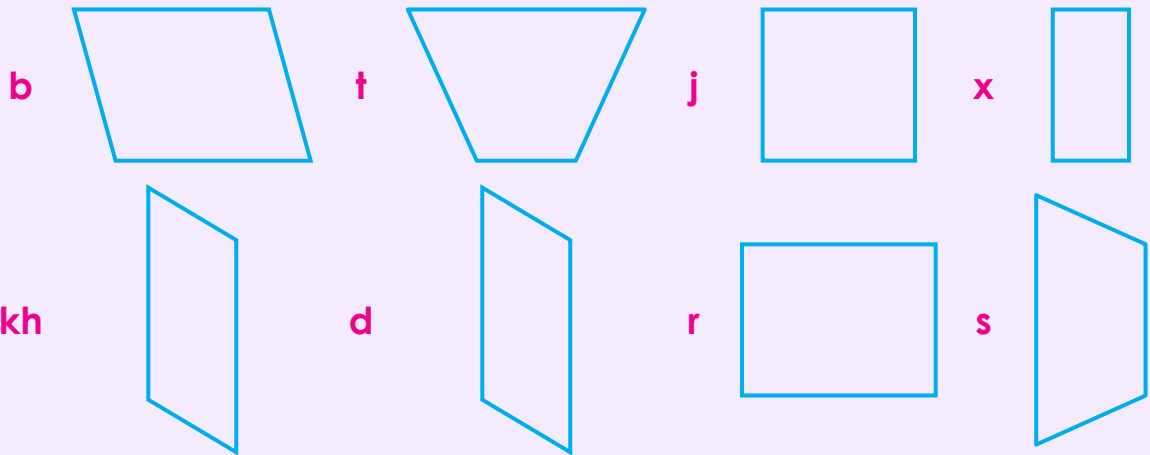
Laydi: Laydigu waa barbaroole xagal waliba qumman tahay labada dhinac ee iska soohorjeeda isdherer lay'egyihin.



	
<i>Qardhaas</i>	<i>labajibbaarane:</i>
Qardhaas: Qardhaas waa barbaroole ay afartiisa dhinac isdherer le'eg yihiin.	labajibbaarane: Labajibbaarane waa barbaroole ay xagal waliba qumman tahay afartiisa dhinac na ay isdherer le'egyihin.

### Hawlgal 7

1 Laba laba inta ad isku kooxaysiin iska warsada afar dhinaclayaashan hoos lagu muujiyay waxaay kala yihiin oo u kala saara barbaroole, laydi labaJibbaarane qardhaas iyo koor.



2 Astamaha ad ku kala saarteen afar-dhinaclayaasha sare ku xusan sheega.

3 Fasalkiina dhexdiisa iyo agagaarka guryihiina, waxyaalaha ad ku aragtiin inta ad u fiirsatiin. Waxyaalahaas kuwa leh qaabka barbaroolaha, laydiga, qardhaasta. Laba Jibbaarana iyo koorta inta ad soocdiin u caddeeya saaxibadiina ad isku fasalka tihiin.

## Astaamaha barbaroolaha, laydiga, laba jibbaaranaha, qardhaasta iyo koorta

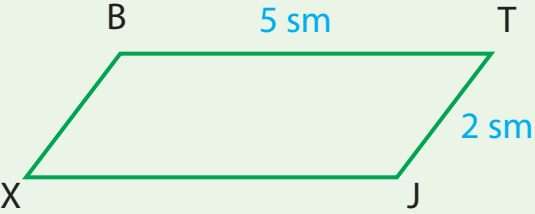
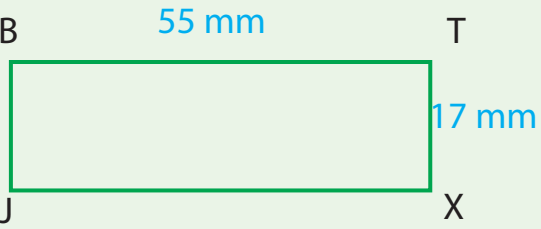
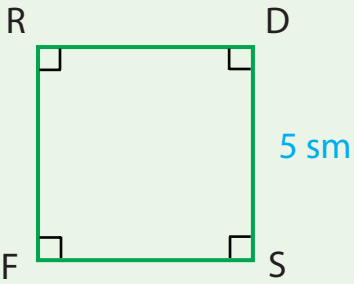
a	<b>Barbaroole</b> 	<p><i>Dhinacyada iska soo horjeedaa waa barbaro.</i></p> <p><i>Dhinacyada iska soo horjeedaa waa isku dherer.</i></p>
b	<b>Laydi</b> 	<p><i>Dhinacyada iska soo horjeedaa waa barbaro.</i></p> <p><i>Dhinacyada iska soo horjeedaa waa isku dherer.</i></p> <p><i>Dhammaan xaglihiisu waa xaglo qumman. Laba dhinac oo isku xigaa way isku qotomaan.</i></p>
c	<b>Qardhaas</b> 	<p><i>Dhinacyada iska soo horjeedaa waa barbaro</i></p> <p><i>Dhammaan afartiisa dhinac waa isku dherer.</i></p>
d	<b>Labajibbaarane</b> 	<p><i>Dhinacyada iska soo horjeedaa waa barbaro</i></p> <p><i>Dhammaan dhinacyadiisu waa isku dherer</i></p> <p><i>Dhammaan afartiisa xaglood waa xaglo qumman</i></p> <p><i>Laba dhinac oo isku xigaa way isku qotomaan.</i></p>
e	<b>Koor (taraabiisam)</b> 	<p><i>Laba dhinac oo qudhaata oo iska soo horjeeda ayaa barbaro ah. Labada dhinac ee barbarada ah isku dherer ma aha</i></p>

**Hawlgal 8**

- 1** Astaamaha ay leeyihiin afardhinaclayaasha sare lagu sharrixay (caddeeyay) qumaati u akhrista. Kadibna weedhaha hoos ku xusan idinka oo koox koox ah iska warsada oo kala sooca midda runta ah iyo midda beenta ah. Jawaabihiina u caddeeya ardayda fasalkiina.
- b** Laydi kastaa waa barbaroole.
  - t** Koor kasta waa barbaroole.
  - j** LabaJibbaarane kastaa waa qardhaas.
  - x** Laydi kasta waa labajibbaarane.
  - kh** Laba Jibbaarane koor wuu noqon karaa.

**Laylis**

- 1** *Afar-dhinac layaasha hoos lagu muujiyay dhinacyada dhereradoodu ka maqanyahay adiga oo aanan cabbirin qor.*

	<p>BTJX waa <i>barbaroole</i>.</p> <p>Sidaas darteed,</p> <p>Dhererka dhinaca XJ = _____ sm.</p> <p>Dhererka dhinaca BX = _____ sm.</p>
	<p>BTJX waa <i>laydi</i>.</p> <p>Sidaas darteed,</p> <p>Dhererka dhinaca JX = _____ mm.</p> <p>Dhererka dhinaca XB = _____ mm.</p>
	<p>RDSF waa <i>laba Jibbaarane</i>.</p> <p>Sidaas darteed</p> <p>Dhererka SF = _____ sm.</p> <p>Dhererka FR = _____ sm.</p> <p>Dhererka RD = _____ sm.</p>

- 2** *Afar-dhinadayaasha hoos ku xusan kee ayaanan ahayn barbaroole*

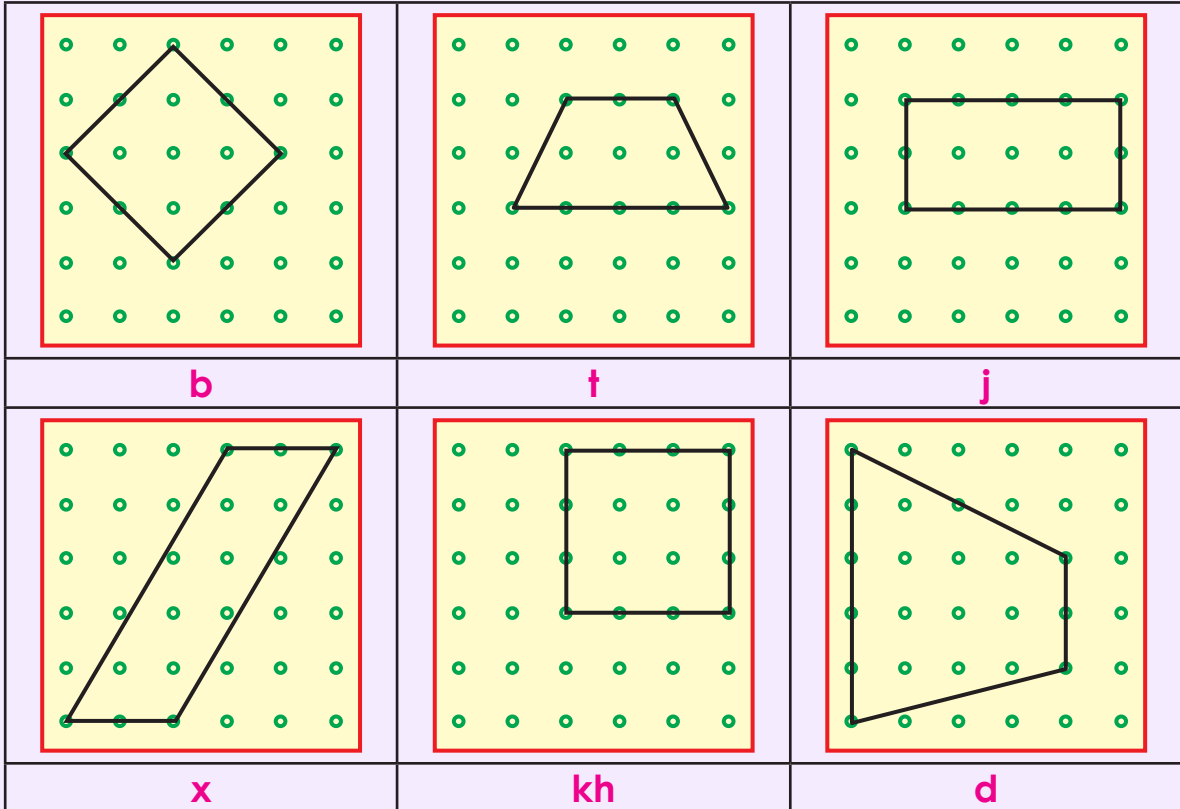
**b** LabaJibbaarane      **t** qardhaas      **j** koor      **x** Laydi

### 3 Kee ayaa laydi iyo qardhaas labadaba ah

**b** labaJibbaarane **t** barbaroole **j** koor.

### Hawgal 9

- 1 Baraha (dhibcaha) hoos ku sawiran si daggan oo farsama leh, buugaaga ugu guurii. Baraha (dhibcaha) la isku xidhiidhiyay afar-dhinaclaha ka samaysmay marka aad sawirtid dabadeed qor magaca afar dhinaclaha.



- 2 Idinka oo tiigsanaya barihiina fasalka dhexdiisa iskooxeeya oo shan koo xood abaabula (sameeya). Kadibna shanta afar-dhinacla yaa sha ee ad soo barateen. Shantiina kooxood inta ad kala qayb qayb satin kooxkastaaba kaartoon adag ha ku sawirto. Dabadeed na kooxkastaaba afar-dhinaclaha ay sarwirtay astaamihiisa fasalka u kadhaadhiciso.

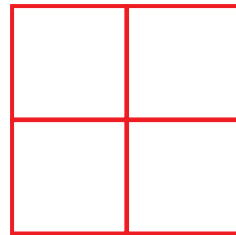
### Waydiin dheeraad ah

#### Raadi oo hel

Shaxanka dhinaca middigta lagu muujiyay.

- 1 Immisa laba Jibbaarane ayuu leeyahay.

- 2 Immisa laydi ayuu leeyahay.

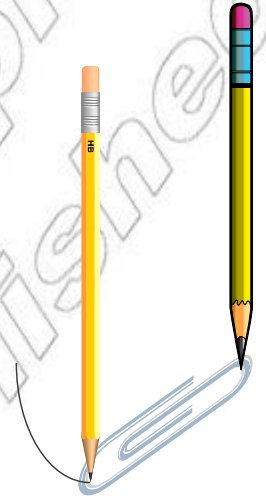


## 6.4 GOOBO

Idinka oo adeegsanaya waxyaalaha agagaar kiina. Laga helo ayaad goobada sawiri kartiin.

### Dun yar iyada oo la adeegsanayo sida Goobada loo sawiro

- ✎ *Dun yar inta ad qaadid labadeeda cidhif isku gumud (xidh)*
- ✎ *Kadib laba qalin qori ayaan inta an dunta galino an mid qotominay naa oo an xajinaynaa si uunan u dhaq dhaqaaqin. Ka labaadna anaka oo dunta giijinayna ayaan waree jinayna. Sidaas ayaan goobada u sawirayna.*
- ✎ *Barta aan qalinka hore ku qotominay waxa loo yaqaanaa xudunta goobada.*
- ✎ *Sido-kale si an goobada u sawirno waxaan isticmaali karnaa waraaq yar oo aan labada dhinac ka daloolino kadibna sida sara lagu soo sheegay marka dunta la isticmaalayo ayaan falawgeed qabanay naa.*

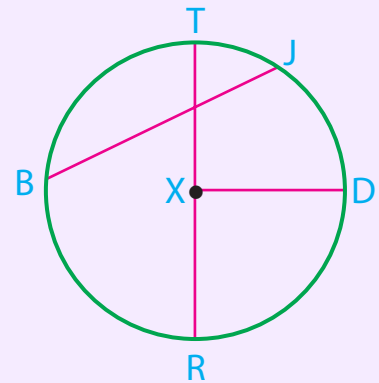


### Hawlgal 10

Adiga oo adeegsanaya shayaasha ad agagaarkaaga ka heshid sawir goobooyin kala waawayn.

Ufiiro

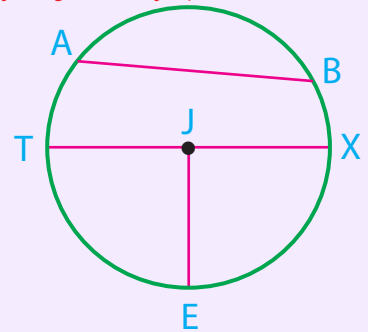
- Goobadan waxa lagu magacaabay **goobo x**
- Barta x waxa loo yaqaana **xudanta** goobada
- Laba barood oo goobada dusheeda ku yaala xariijinta isku xidha waxa loo yaqaanaa **boqon**. Sidaas darteed xariijinta BJ waa boqon.
- Bogonka dhax maraa xudunta goobada waxa loo yaqaanaa **Dhexroor**.
- Xariijinta isku xidha xudunta goobada iyo bar ku taala goobada dusheeda (meeriska goobada) waxa loo yaqaanaa **Gacan**.
- Xusuuso: Dhererka Gacanku waa dhererka dhexroorka badhkii.



**Hawlgal 11**

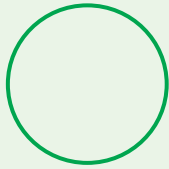
*Goobada dhinaca middigta lagu muujiyay adiga oo xiganaya (firinaya)*

- 1 Qor xudunta goobada.
- 2 Qor boqonada goobada.
- 3 Qor dhexroorka goobada.
- 4 Qor gacanka goobada.

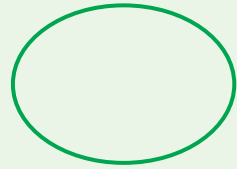


**Laylis 7**

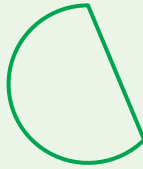
1 *Sawiradan hoos lagu muujiyay kee baa goobo ah.*



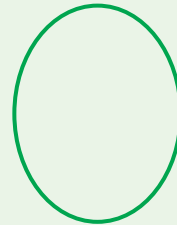
b



t

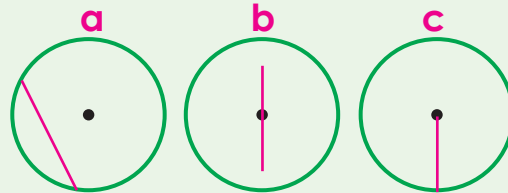


j

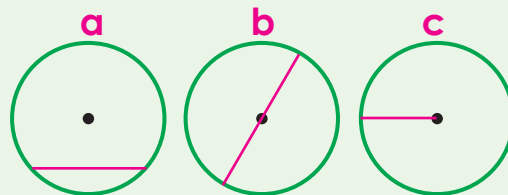


x

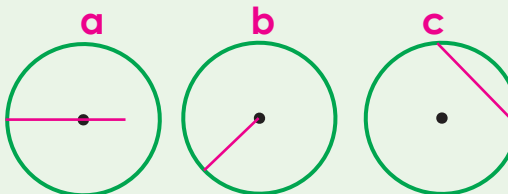
2 Sawirka gacan muujinaya dooro.



3 Dhexroor sawirka tusaya (muujinaya) dooro.

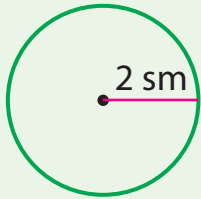
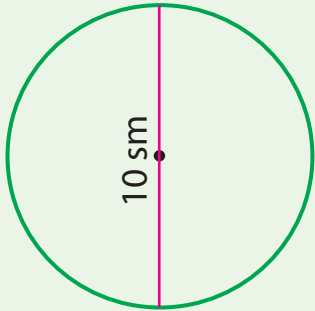


4 Boqon sawirka tusaya (muujinaya) dooro.





**5** *Goobooyinka hoos lagu muujiyay ufiirso ka dibna meelaha bannaan buuxi.*

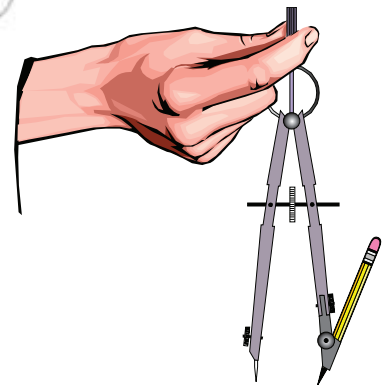
<b>a</b>		<b>b</b>	
	Gacan = ____ sm dhexroor = ____ sm		Gacan = ____ sm dhexroor = ____ sm

**Sida loo sawiro goobo iyada oo la adeeg sana yo qalabka loo yaqaano goobeeye (kombaas)**

*Goobeeye waa qalab loogu talagalay in la adeegsado marka la sawirayo goobo.*

*Sidan soo socota ayaa qalabka goobobeefta loo isticmaalaa marka la sawira yoo goobo.*

- ☞ Dhererka gacanka loo baahan yahay ayaa irbadda iyo qalin qoriga cidhifkiisa lagu cabbiraa*
- ☞ Irbadda goobobeefta bar ku qotomi Bartaa oo noqon xudunta goobadda.*
- ☞ Qalin qoriga goobobeefta xudunta hareeraheeda oo waraaqda dusheeda ah ku wareeji*



**Hawlgal**

- 1** Buugaaga ku sawir goobo dhererka gacankeedu 3 sm yahay.
- 2** M ku magacaw xudunta goobada
- 3** Gacan sawir oo ku magacaw ML
- 4** Dhexroor sawir oo ku magacaw QF

- 5** Boqon sawir oo ku magacaw GS
- 6** Barta M boqon dhax mara sawir oo ku magacaw BT.  
BT magaciisa kale sheeg.

### Laylis 8

- 1** Shaxdan hoose dhamaystir

Gacan	2 sm	5 sm		9 sm		15 sm	
Dhexroor	4 sm		16 sm		26 sm		36 sm

- 2** Weedha han soo socda u kala saar run ama been
- b** Goobo kasta dhererka gacanadeedu way isle'eg yihiin.
- t** Boqon iyo dhexroor waa isku mid.
- j** Dhammaan boqonadu way isdherer le'eg yihiin.
- x** Baraha goobada dusheeda ku yaalaa fogaansha ha ay xudunta u Jiraan way kala duwanaan kartaa.
- kh** Dhexroorku waa boqonka ugu dheer.
- d** dhererka dhexroorku waa dhererka gacanka badhkii.