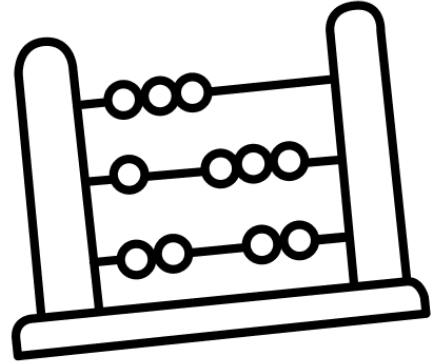


Isticmaalka fx-991CW ee tirakoobka (statistics)

Maths

Unit Shaqada xisaabiyaha (calculator)



Natiijo

Waxaan isticmaali karaa fx-991CW si aan u sameeyo xisaabinta xogta.

Erayada muhiimka ah

Soo noqnoqoshada (frequency) waa tirada jeer ee dhacdo dhacdo; ama tirada shakhsiyaadka (dadka, xayawaanka iwm.) ee leh sifo gaar ah.

Celceliska (arithmetic mean) ee xogta tirooyinka waa wadarta qiimaha (values) loo qaybiyo tirada qiimaha. Waa cabbirka u dhaxaysa (central tendency) oo matalaya celceliska qiimaha.

Dhexda (median) waa xogta dhexe (bartamaha) marka xogta loo habeeyo tiro ahaan. Waa cabbirka u dhaxaysa (central tendency) oo matalaya celceliska qiimaha.

Erayada muhiimka ah

Qaabka (mode) waa qiimaha (value) ugu soo noqnoqda. Waa cabbirka u dhaxaysa (central tendency) oo matalaya celceliska qiimaha.

Soo koobista tirakoobka (statistical summary) waxay soo koobtaa astaamaha xogta. Waxaa laga yaabaa inay ku jiraan celceliska (mean), dhexda (median) iyo/ama qaabka (mode) kuwaas oo cabbira u dhaxaysa (central tendency). Sidoo kale waxaa laga yaabaa inay ku jirto kala fogaan (range) taas oo cabbira fidsanaanta.

Isticmaalka fx-991CW ee tirakoobka (statistics)



Helista celceliska (mean) ee miiska soo noqnoqoshada (frequency table)



Falanqaynta (Analysis)

Celceliska (arithmetic mean) ee xogta tirooyinka waa wadarta qiimaha (values) loo qaybiyo tirada qiimaha.



Isra

Ma macnaheedu waa inaan isticmaalo qaabka xisaabinta (calculate mode) si aan ugu daro dhammaan tirooyinka ka hor qaybinta?

Waxaa jira hab fudud oo lagu xisaabiyo celceliska (mean).



Nuur

Helista celceliska (mean) ee miiska soo noqnoqoshada (frequency table)

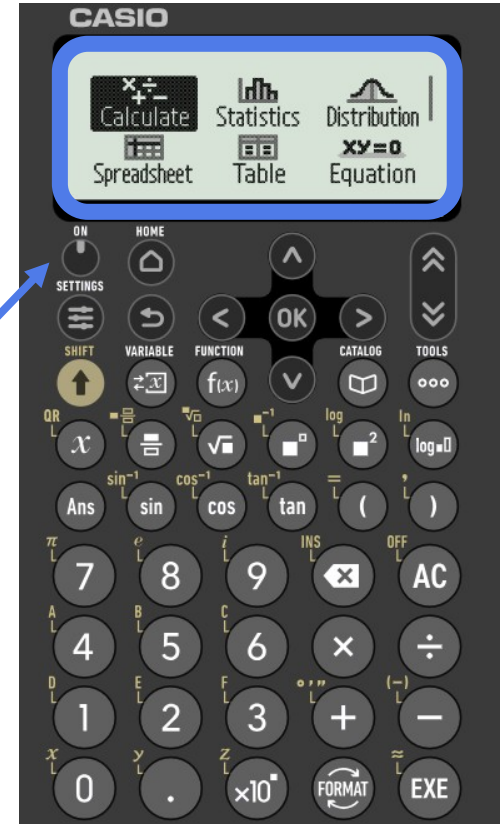


Sharaxaad

Darsigan, waxaan isticmaali doonaa nooca Casio fx-991CW.

Waxaan dabooli doonaa sida loo isticmaalo xisaabiyahan si loo sameeyo xisaabinta kala duwan.

Ka dib markaad shido xisaabiyaha, waxaad arki doontaa shaashaddan.



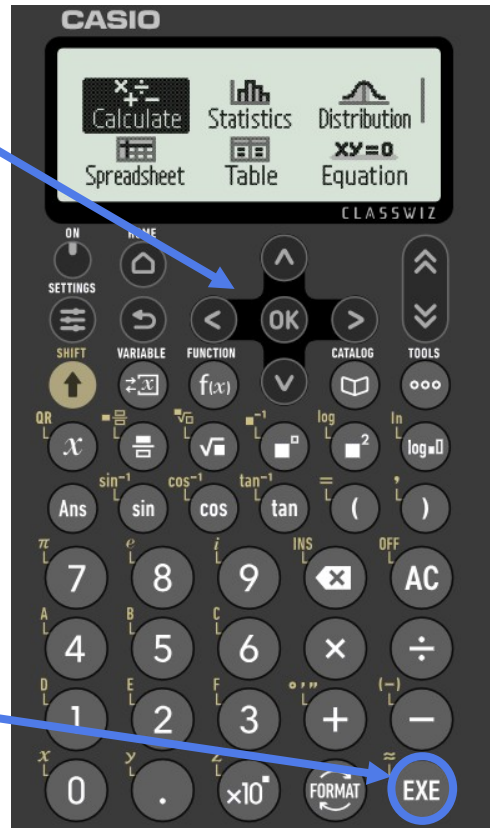
Helitaanka celceliska (mean) miiska soo noqnoqoshada (frequency table)



Sharaxaad

Waxaad isticmaali kartaa furayaasha fallaadhaha si aad u dhex socoto ikhtiyaarrada. Waxaan ku bilaabaynaa inaan diiradda saarno sida loo xisaabiyo celceliska (mean) miiska soo noqnoqoshada (frequency table).

U gudub 'Statistics' oo riix badhanka 'EXE'.



Cabbirka kooxda (Group size)	Soo noqnoqoshad a (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Waa kan miis muujinaya tirada dadka cuntada ku cunaya miisaska kala duwan ee maqaayadda.

Tani waxay ka dhigan tahay 3 miisas, mid kastaa wuxuu leeyahay 4 dad cunaya.

Tani waxay ka dhigan tahay 2 miisas, mid kastaa wuxuu leeyahay 5 dad cunaya.

Cabbirka kooxda (Group size)	Soo noqnoqoshad a (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Waxaan la tacaalaynaa hal xog oo keliya, marka waxaan dooranaynaa '1-Variable' ee liiska Statistics.



Helitaanka celceliska (mean) miiska soo noqnoqoshada (frequency table)



Sharaxaad

Cabbirka kooxda (Group size)	Soo noqnoqoshada (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Hadda waxaan u baahanahay inaan gelinno qiimaha (values) miiska ee xisaabiyaha (calculator).



Haddii tiirka Freq uu maqan yahay, riix 'Tools', dooro 'Frequency' ka dibna dooro 'On'.

Helitaanka celceliska (mean) miiska soo noqnoqoshada (frequency table)

Cabbirka kooxda (Group size)	Soo noqnoqoshad a (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Geli 0 ka dibna riix 'EXE'. Waa maxay qiimaha (value) ka soo baxa tiirka 'Freq'?



Helista celceliska (mean) ee shaxda soo noqnoqda (frequency table)

Cabbirka kooxda (Group size)	Soo noqnoqoshada (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

1 waa qiimaha (value) caadiga ah ee soo noqnoqda (frequency).

Waxaad bedeli kartaa qiimaha (value) adigoo u gudbaya qiimaha aad rabto inaad beddesho, ku qor qiimaha saxda ah kadibna riix 'EXE'.



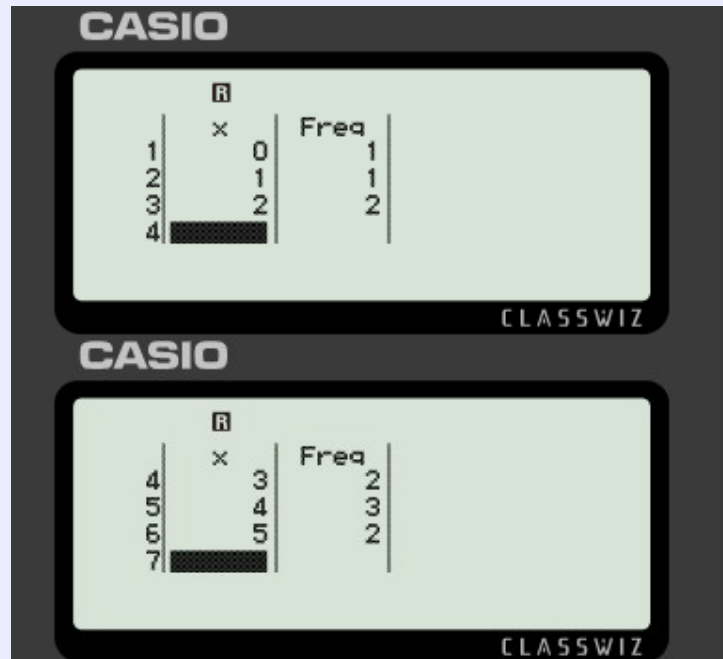
Helista celceliska (mean) ee shaxda soo noqnoqda (frequency table)



Hubi

Cabbirka kooxda (Group size)	Soo noqnoqoshada (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Geli qiimayaasha (values) haray ee xisaabiyaha (calculator).



Helista celceliska (mean) ee shaxda soo noqnoqda (frequency table)

Cabbirka kooxda (Group size)	Soo noqnoqoshad a (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Marka dhammaan qiimayaasha (values) si sax ah loo geliyo, riix 'EXE'.

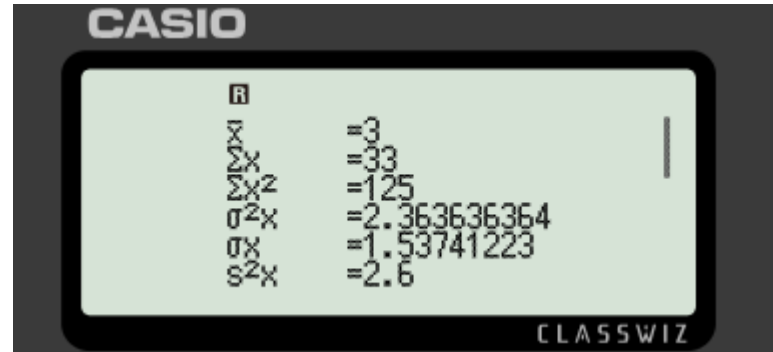


Riix 'EXE' mar kale si aad u soo saarto celceliska (mean) ee xogta aad gelisay.

Helista celceliska (mean) ee shaxda soo noqnoqda (frequency table)

Cabbirka kooxda (Group size)	Soo noqnoqoshad a (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Marka dhammaan qiimayaasha (values) si sax ah loo geliyo, riix 'EXE'.

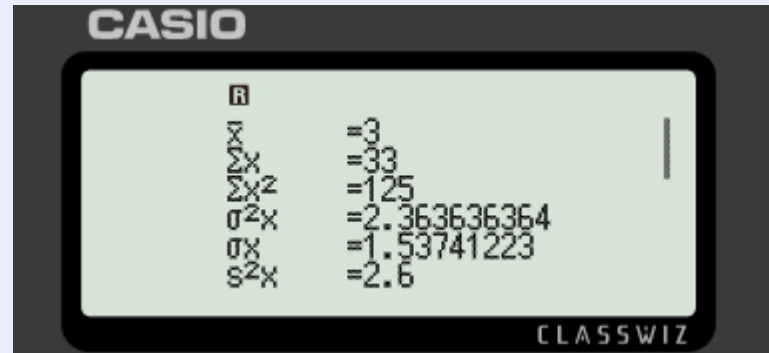


$\bar{x}$

Helista celceliska (mean) ee shaxda soo noqnoqda (frequency table)

Cabbirka kooxda (Group size)	Joogto (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Marka dhammaan qiimayaasha (values) si sax ah loo geliyo, riix 'EXE'.



Celceliska waxaa loo qoraa $\bar{x}$

Waa maxay qiimaha celceliska?

Celceliska (arithmetic) ee xogta tirooyinka waa wadarta qiimayaasha loo qaybiyay tirada qiimayaasha.



Isra

Laakiin maxaan
sameeyaa haddii aan
haysto shax joogto oo
kooxaysan?

Xisaabiyahaagu wuxuu weli heli karaa
qiyaasta celceliska.



Nuur

Si dhakhso ah u nadiifiso xogta jirta ee shaxda, riix 'Tools' ka dib dooro 'Edit' markaas 'Delete All'.

Hadda waxaad haysataa shax madhan oo aad ku gelin karto qiimayaasha cusub.

Haddii kale, waxaad si fudud u bedeli kartaa qiimayaasha jira.

57 qof ayaa la weydiiyay inta lacag ee ay ku kharash gareeyeen cuntada markay booqdeen suuqa weyn ee Oakfield.

lacagta la kharash gareeyay (in £)	joogto (frequency) (f)
$£0 < £ \leq £20$	20
$£20 < £ \leq £50$	14
$£50 < £ \leq £100$	10
$£100 < £ \leq £200$	8
$£200 < £ \leq £300$	5

Si loo xisaabiyo qiyaasta celceliska, waxaan u baahanahay inaan isticmaalno barta dhexe ee fasalkasta.

57 qof ayaa la weydiiyay inta lacag ee ay ku kharash gareeyeen cuntada markay booqdeen suuqa weyn ee Oakfield.

lacagta la kharash gareeyay (£)	soo noqnoqoshu (frequency) (f)
$£0 < £ \leq £20$	20
$£20 < £ \leq £50$	14
$£50 < £ \leq £100$	10
$£100 < £ \leq £200$	8
$£200 < £ \leq £300$	5

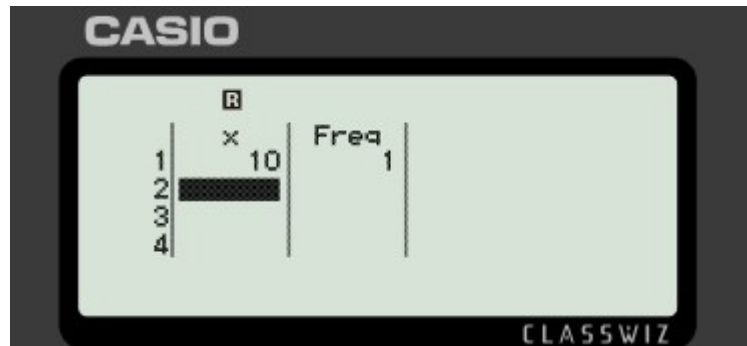
Xisaabiyaha ayaa tan kuu qaban kara:



57 qof ayaa la waraystay oo la weyddiiyay inta lacag ee ay ku kharash gareeyeen cuntada intii ay ku sugnaayeen suuqa Oakfield.

lacagta la kharash gareeyay (£)	soo noqnoqosho (frequency) (f)
$£0 < £ \leq £20$	20
$£20 < £ \leq £50$	14
$£50 < £ \leq £100$	10
$£100 < £ \leq £200$	8
Bertamaha (midpoint) $£200 < £ \leq £300$	5

Xisaabiyaha ayaa tan kuu qaban kara:



Bertamaha (midpoint) waxaa lagu muujiyay safka koowaad.

57 qof ayaa la waraystay oo la weydiiyay inta lacag ee ay ku kharash gareeyeen cuntada intii ay ku sugnaayeen suuqa Oakfield.

lacagta la kharash gareeyay (£)	soo noqnoqosho (frequency) (f)
$£0 < £ \leq £20$	20
$£20 < £ \leq £50$	14
$£50 < £ \leq £100$	10
$£100 < £ \leq £200$	8
$£200 < £ \leq £300$	5

Xisaabi qiyaasta celceliska (mean) lacagta la kharash gareeyay ee booqde kasta.

£68.25 waa qiyaasta celceliska (mean) lacagta la kharash gareeyay ee booqde kasta.

1) Shaxdan soo noqnoqosha (frequency table) waxay tusinaysaa tirada goolalka la dhaliyay ciyaar kasta oo ay sameeyeen kooxaha kubbadda cagta ee naadiga hal xilli ciyaareed.

Goolalka la dhaliyay	Soo noqnoqosho (Frequency)
0	19
1	34
2	21
3	15
4	11

Waa maxay celceliska (mean) tirada goolalka la dhaliyay?

2) Miiskan soo noqnoqoshada (frequency table) wuxuu muujinayaa qiimaynta xiddigta (star rating) uu helay makhaayad intii lagu guda jiray usbuuca furitaanka.

Qiimaynta xiddigta (Star rating)	Soo noqnoqoshada (Frequency)
1	12
2	18
3	21
4	38
5	45

Waa maxay celceliska (mean) qiimaynta xiddigta (star rating)?

3) Miiska soo noqnoqoshada (frequency table) wuxuu muujinayaa tirada qolalka jiifka ee guryaha kala duwan ee degmada magaalada.

Qolalka jiifka	Soo noqnoqoshada (Frequency)
1	20
2	93
3	54
4	33

Waa maxay celceliska (mean) tirada qolalka jiifka?

4) Waqtiga ay ku qaadnayso muunad arday ah inay tagaale iskuulka ayaa lagu soo ururiyay miisan kooxaysan oo soo noqnoqoshada (grouped frequency table).

Waqtiga lagu qaatay safarka iskuulka (daqiiqado)	Soo noqnoqosha da (Frequency) (f)
$0 < t \leq 4$	28
$4 < t \leq 10$	23
$10 < t \leq 16$	70
$16 < t \leq 26$	52
$26 < t \leq 40$	30
$40 < t \leq 60$	13

Waa maxay qiyaasta celceliska (mean) waqtiga safarka (ilaa daqiiqada ugu dhow)?

1) Miiskan soo noqnoqoshada (frequency table) wuxuu muujinayaa tirada goolalka la dhaliyay ee ciyaar kasta oo ay ciyaareen kooxaha kala duwan ee naadiga intii lagu guda jiray xilli kubbadda cagta.

Goolalka la dhaliyay	Soo noqnoqoshada (Frequency)
0	19
1	34
2	21
3	15
4	11

Waa maxay celceliska (mean) tirada goolalka la dhaliyay?

1.65 gool (oo ku soo wareegaya 2)

2) Miiskan joogteynta (frequency table) wuxuu muujinayaa qiimeynta xiddig ee maqaayad heshay usbuucii furitaanka.

Qiimeynta xiddig (Star rating)	Joogteynta (Frequency)
1	12
2	18
3	21
4	38
5	45

Waa maxay celceliska qiimeynta xiddig?

3.64... xiddigood (oo ku wareegaya 4)

3) Miiska joogteynta (frequency table) wuxuu muujinayaa tirada qolalka jiifka ee guryaha kala duwan ee aagga magaalada.

Qolalka jiifka (Bedrooms)	Joogteynta (Frequency)
1	20
2	93
3	54
4	33

Waa maxay celceliska tirada qolalka jiifka?

2.5 qolal jiif (oo ku wareegaya 3)

4) Waqtiga ay qaadnayso muunad arday si ay iskuulka ugu tagaan ayaa lagu soo ururiyay miiskan joogteynta (frequency table) ee kooxaysan.

Waqtiga lagu qaatay safarka iskuulka (daqiiqado)	Joogteynta (Frequency) (f)
$0 < t \leq 4$	28
$4 < t \leq 10$	23
$10 < t \leq 16$	70
$16 < t \leq 26$	52
$26 < t \leq 40$	30
$40 < t \leq 60$	13

Waa maxay qiyaasta celceliska waqtiga safarka (ilaa daqiiqadda ugu dhow)?

18 daqiiqo

Isticmaalka fx-991CW ee tirakoobka (statistics)



Helista celceliska (mean) ee miiska joogteynta (frequency table)



Falanqaynta (Analysis)

Xisaabiyahaagu wuxuu sameyn karaa wax ka badan celceliska (mean) kaliya.



Isra

Markii aan helay celceliska (mean), wax badan ayaa shaashadda lagu muujiyay.

Xisaabinta kale ayaa isla waqtigaas la sameeyaa.

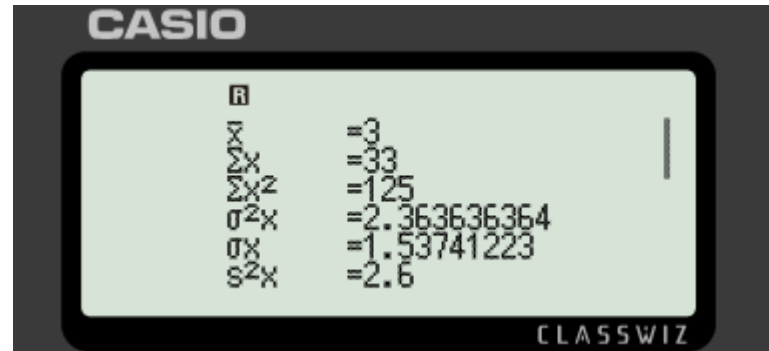


Nuur

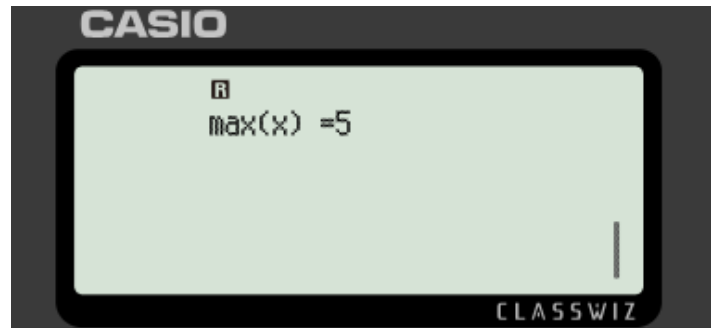
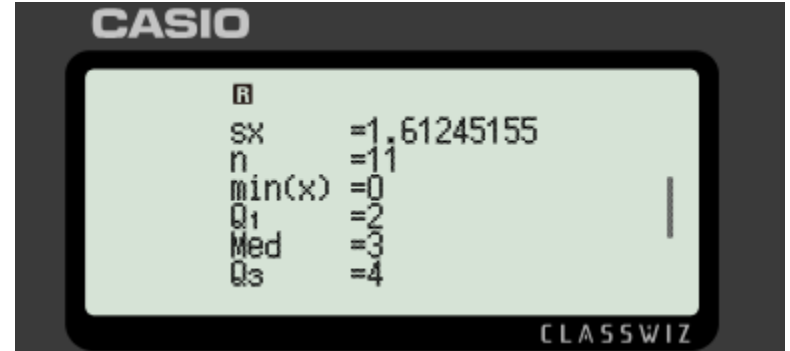
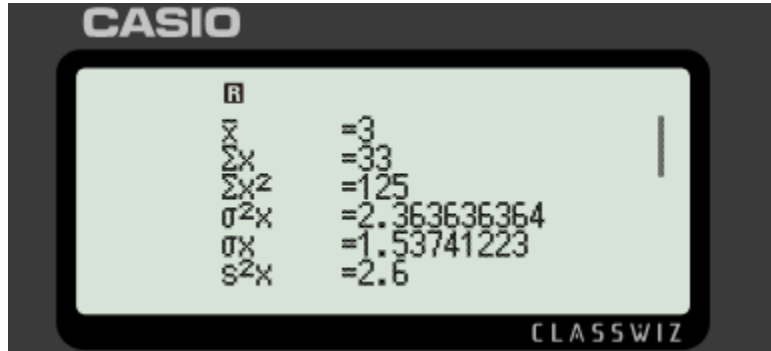
Cabbirka kooxda (Group size)	Soo noqnoqoshad a (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

Waa shax muujinaysa tirada dadka cuntada ku cunaya miisaska kala duwan oo maqaayad ah.

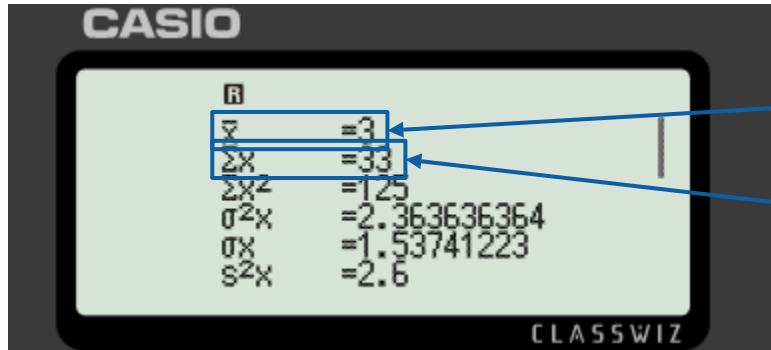
Markii aan xisaabinay celceliska (mean), macluumaadkan ayaa la soo bandhigay:



Riixida furaha fallaadho hoos u tilmaamaya ayaa muujinaysa macluumaad dheeri ah.



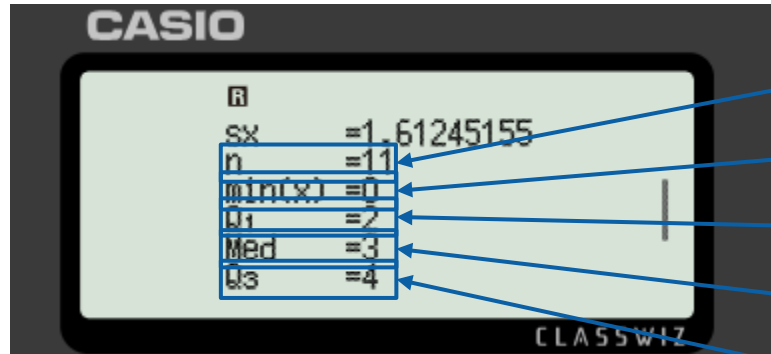
Waxaan u fiirsanaynaa macluumaadka loo baahan yahay xisaabta GCSE.



Celceliska
(Mean)

Wadarta qiimayaasha (The sum of the values)
(waxaa laga yaabaa in loo qoro Σfx)

Waxaan u fiirsanaynaa macluumaadka loo baahan yahay xisaabta GCSE.



Tirada qiimayaasha (The number of values)

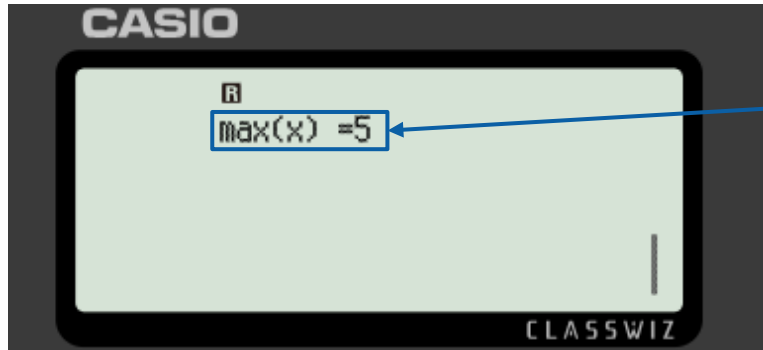
Qiimaha ugu yar ee x (Minimum x value)

Rubucda hoose (Lower quartile)

Dhex-dhexaad (Median)

Rubuc sare (Upper quartile)

Waxaan u fiirsanaynaa macluumaadka loo baahan yahay GCSE xisaab.



Qiimaha ugu sarreeya ee x (Maximum x value)

Xogtan, xisaabi kuwan soo socda:

Cabbirka kooxda (Group size)	Soo noqnoqosho (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

- a) Celcelis (Mean)
- b) Dhex-dhexaad (Median)
- c) Kala-fogaan rubuc-dhexe (Interquartile range)

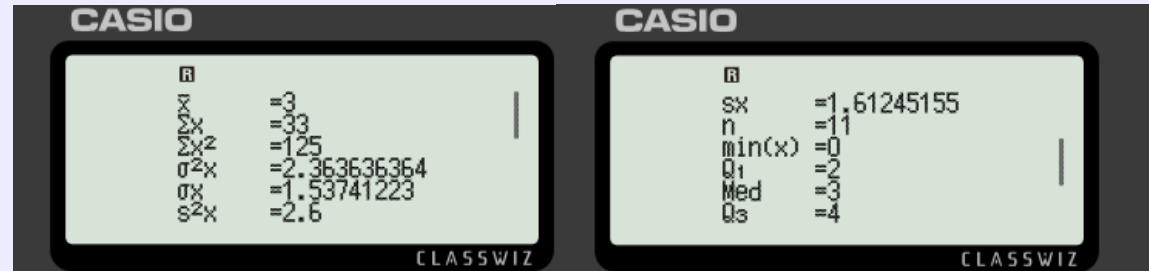
Xogtan, xisaabi kuwan soo socda:

Cabbirka kooxda (Group size)	Soo noqnoqosho (Frequency)
0	1
1	1
2	2
3	2
4	3
5	2

a) Celcelis (Mean) = 3

b) Dhex-dhexaad (Median) = 3

c) Kala-fogaan rubuc-dhexe (Interquartile range) = $4 - 2 = 2$



1) Jadwalka soo noqnoqoshada wuxuu muujinayaa tirada goolalka la galay ciyaar kasta oo ay sameeyeen kooxaha oo dhan ee naadiga hal xilli kubbadda cagta.

Goolal la galay	Soo noqnoqoshada (Frequency)
0	19
1	34
2	21
3	15
4	11

a) Xisaab dhexdhexaadka (median).

b) Xisaab kala-fogaan dhexe (interquartile range).

c) Ma jeclaan lahaa naadigu inuu soo sheego celceliska (mean) ama dhexdhexaadka (median) sida celceliska tirada goolalka? Sabab?

2) Jadwalkan soo noqnoqoshada (frequency) wuxuu muujinayaa qiimaynta xiddigaha (star rating) uu helay makhaayad intii lagu jiray usbuuca furitaankeeda.

Qiimaynta xiddigaha (Star rating)	Soo noqnoqoshada (Frequency)
1	12
2	18
3	21
4	38
5	45

a) Xisaab dhexdhexaadka (median).

b) Xisaab kala-fogaan dhexe (interquartile range).

c) Ma jeclaan lahaa makhaayaddu inay soo sheegto celceliska (mean) ama dhexdhexaadka (median) sida celceliska qiimaynta? Sabab?

3) Jadwalka soo noqnoqoshada (frequency) wuxuu muujinayaa tirada qolalka jiifka ee guryaha kala duwan ee ku yaala aagga magaalada.

Qolalka jiifka (Bedrooms)	Soo noqnoqoshad a (Frequency)
1	20
2	93
3	54
4	33

Horumariye (developer) wuxuu rabaa inuu dhiso guryo qaali ah (3+ qolal) laakiin golaha deegaanka waxay rabaan guryo jaban. Goluhu waxay ku doodayaan in horey u jiraan guryo ku filan oo leh 3 ama in ka badan qolal jiif. Ma sax baa goluhu? Isticmaal xogta si aad u taageerto go'aankaaga.

4) Waqtiga ay qaadnayso muunad arday ah si ay ugu safraan dugsiga ayaa lagu ururiyay jadwalkan soo noqnoqoshada ee kooxaysan (grouped frequency table).

Waqtiga loo qaaday safarka iskuulka (daqiiqado)	Soo noqnoqosho (Frequency) (f)
$0 < t \leq 4$	28
$4 < t \leq 10$	23
$10 < t \leq 16$	70
$16 < t \leq 26$	52
$26 < t \leq 40$	30
$40 < t \leq 60$	13

Waxay qaadataa 17 daqiqo in Yacquub uu safro isagoo bas ku raacaya.

Yacquub wuxuu sheeganayaa in tani ay ka qaadato waqti dheer celceliska ardayda, sidaas darteed waa in maalin kasta gaari loogu qaado dugsiga.

Ma ku raacsan tahay Yacquub mise waad diidaysaa? Isticmaal caddayn si aad u taageerto jawaabtaada.

1) Jadwalkan soo noqnoqoshada (frequency) wuxuu muujinayaa tirada goolalka la dhaliyay ciyaar kasta oo ay sameeyeen kooxaha kooxda ciyaarta kubbadda cagta hal xilli.

Goolal la dhaliyay	Soo noqnoqosho (Frequency)
0	19
1	34
2	21
3	15
4	11

a) Xisaabi dhexdhexaadka (median).
1 gool

b) Xisaabi kala duwanaanshaha rubuc-dhexe (interquartile range).
 $3 - 1 = 2$ gool

1) Jadwalkan soo noqnoqoshada (frequency) wuxuu muujinayaa tirada goolalka la dhaliyay ciyaar kasta oo ay sameeyeen kooxaha kooxda ciyaarta kubbadda cagta hal xilli.

Goolal la dhaliyay	Soo noqnoqosho (Frequency)
0	19
1	34
2	21
3	15
4	11

c) Kooxdu ma doorbidi lahayd inay soo sheegto celceliska (mean) ama dhexdhexaadka (median) sida celceliska tirada goolalka? Sabab?

Celcelis (Mean) = 1.65 gool. Dhexdhexaad (Median) = 1 gool.

Kooxdu waxay doorbidi lahayd inay soo sheegto celceliska (mean) sababtoo ah waxay ku wareegaysaa 2 gool taasoo ka dhigaysa waxqabadka kooxda mid u muuqda mid fiican.

2) Jadwalkan soo noqnoqoshada (frequency) wuxuu muujinayaa qiimaynta xiddigaha (star rating) ee uu helay makhaayad usbuuca furitaankeeda.

Qiimaynta xiddigaha (Star rating)	Soo noqnoqosho (Frequency)
1	12
2	18
3	21
4	38
5	45

a) Xisaabi dhexdhexaadka (median).
4 xiddigood

b) Xisaabi kala-fogaan dhaxe (interquartile range).
 $5 - 3 = 2$ xiddigood

2) Jadwalkan soo noqnoqoshada (frequency table) wuxuu muujinayaa qiimaynta xiddigaha ee maqaayad heshay usbuuca furitaankeeda.

Qiimaynta xiddigaha (Star rating)	Soo noqnoqosho (Frequency)
1	12
2	18
3	21
4	38
5	45

c) Maqaayaddu ma doorbidi lahayd inay soo sheegto celceliska (mean) ama dhexe (median) sida celceliska qiimaynta? Sabab?

Celcelis (Mean) = 3.64... xiddigood. Dhexe (Median) = 4 xiddigood.

Maqaayaddu waxay soo sheegi kartaa midkood, laakiin dhexe (median) uma baahna in la soo koobo.

3) Jadwalka soo noqnoqoshada (frequency table) wuxuu muujinayaa tirada qolalka jiifka ee guryaha kala duwan ee aagga magaalada.

Qolalka jiifka (Bedrooms)	Soo noqnoqosho (Frequency)
1	20
2	93
3	54
4	33

Horumariye (developer) wuxuu rabaa inuu dhiso guryo qaali ah (3+ qolal jiif) laakiin golaha deegaanku waxay rabaan guryo jaban. Goluhu waxay ku doodayaan in horey u jiraan guryo ku filan oo leh 3 ama in ka badan oo qolal jiif ah. Goluhu ma sax baa? U isticmaal xogta si aad u taageerto go'aankaaga.

3) Jadwalka soo noqnoqoshada (frequency table) wuxuu muujinayaa tirada qolalka jiifka ee guryaha kala duwan ee aagga magaalada.

Qolalka jiifka (Bedrooms)	Joogto (Frequency)
1	20
2	93
3	54
4	33

Celcelis (Mean) = 2.5 qolal jiif. Dhexe (Median) = 2 qolal jiif.
Kala-fogaan dhaxe (Interquartile range) = $3 - 2 = 1$

E.g.
Haddii goluho isticmaalo celceliska (mean), waxay soo koobi karaan oo sheegi karaan in celceliska tirada qolalka jiifka ee guryaha aagga yahay 3. Sidaas darteed waxaa jira guryo badan oo leh 3 (ama in ka badan) qolal jiif.

4) Waqtiga ay qaadanaayso muunad arday si ay u tagaalo iskuulka waxaa lagu soo ururiyay jaantuska joogtada ee kooxaysan.

Waqtiga lagu qaatay inuu tago iskuulka (daqiiqado)	joogto (frequency) (f)
$0 < t \leq 4$	28
$4 < t \leq 10$	23
$10 < t \leq 16$	70
$16 < t \leq 26$	52
$26 < t \leq 40$	30
$40 < t \leq 60$	13

Waxay qaadataa 17 daqiiqo in Yacquub uu tago iskuulka baska.

Yacquub wuxuu sheeganayaa in tani ay ka qaadato waqti dheer marka loo eego ardayda caadiga ah, sidaas darteed waa in maalin kasta lagu qaado iskuulka gaari.

Ma ku raacsan tahay ama ma diidaysaa Yacquub? U adeegso caddayn si aad u taageerto jawaabtaada.

4) Waqtiga ay qaadanaayso muunad arday si ay u tagaalo iskuulka waxaa lagu soo ururiyay jaantuska joogtada ee kooxaysan.

Waqtiga lagu qaatay inuu tago iskuulka (daqiiqado)	joogto (frequency) (f)
$0 < t \leq 4$	28
$4 < t \leq 10$	23
$10 < t \leq 16$	70
$16 < t \leq 26$	52
$26 < t \leq 40$	30
$40 < t \leq 60$	13

Celcelis ≈ 18 daqiiqo. Dhexdhexaad = 13 daqiiqo.

Haddii Yacquub uu isticmaalo waqtiga dhexdhexaadka ah, markaas waa sax.

Si kastaba ha ahaatee, qoyska Yacquub waxay ku doodi karaan inuu qaldan yahay adoo isticmaalaya celceliska waqtiga.

Xisaabiyayaasha qaarkood waxay qaban karaan wax ka badan xisaabinta aasaasiga ah.

fx-991CW waxay soo saari kartaa soo koobid tirakoob (statistical summary) oo ah xog.

Soo koobidu waxay ku daraysaa celceliska (mean), dhexdhexaadka (median), rubucda sare iyo hoose (upper and lower quartiles).