

Cutubka

2aad



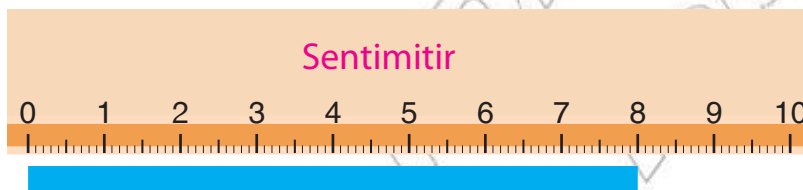
CABBIRAADDA

2.1 CABBIRAADDA DHERERKA

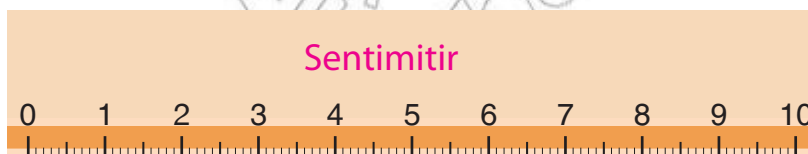
2.1.1 SENTIMITIR IYO MILLIIMITIR

Sentimitir iyo milliimitir waa halbeegyo lagu cabbiro dhererka.

Sentimitir oo loo soo gaabiyo 'sm' iyo milliimitir oo loo soo gaabiyo 'mm' waxaa loo adeegsada cabbiraadda dhererada aad u gaa-gaaban ee in hal talaabo ah ka gaaban.



Xariijinta buluuga ee korka lagu sawiray dhererkeedu waa 8 sm.



Musmaarka dhererkiisu waa 25 mm



Xusuuso

$$1 \text{ sentimitir} = 10 \text{ milliimitir}$$

$$1 \text{ sm} = 10 \text{ mm}$$

Hawlgalka 2.1

1 Idinka oo adeegsanaya mastarad xariijimahan dhererkooda sm ku cabbira.

b. _____

t. _____

j. _____

2 Idinka oo adeegsanaya mastarad xariijimahan dhererkooda mm ku cabbira.

b. _____

t. _____

j. _____

Laylis 1

Idinka oo adeegsanaya mastarad dhererka sawiradan hoos ku muujisan (xusan) sm ku cabira.

1



2



3



4



5



6



Idinka oo adeegsanaya mastarad dhererka sawir kasta mm ku cabira.

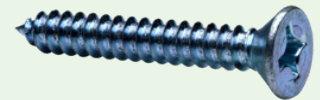
7



8



9



10



11



Meelaha bannaan dhexdooda tirada ku haboon ku buuxiya.

12 $2\text{sm} = \underline{\hspace{2cm}} \text{mm}$

13 $10 \text{sm} = \underline{\hspace{2cm}} \text{mm}$

14 $40\text{mm} = \underline{\hspace{2cm}} \text{sm}$

15 $70 \text{mm} = \underline{\hspace{2cm}} \text{sm}$

Shaqo kooxeed

Idinka oo laba laba (lammaane ama qindi) isu kooxaynaya cabbira dhereradda faraha gacantiina bidix. Ka dibna marka aad diiwaangalisaan isbarbar-dhiga dhererka farihiina.

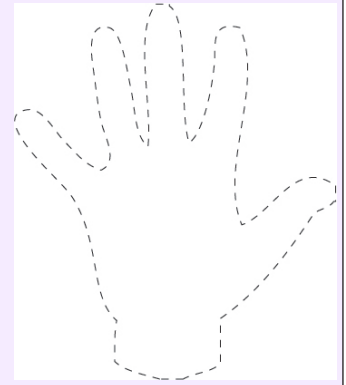
Far yaro = $\underline{\hspace{2cm}}$ sm.

Faadumo (far yaro ku xigto) = $\underline{\hspace{2cm}}$ sm.

Far dhexo = $\underline{\hspace{2cm}}$ sm

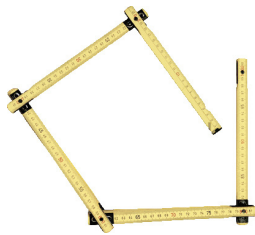
Murddiso = $\underline{\hspace{2cm}}$ sm.

Suul = $\underline{\hspace{2cm}}$ sm.



2.1.2 MITIR IYO KILOMITIR

- Mitir oo marka la soo gaabiyo loo qoro 'm' iyo kiilomitir oo isna loo soo gaabiyo 'km' waa halbeegyo loo adeegsado cabbiridda dhererada aad u dhaadheer.

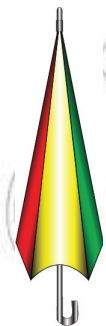


Mastarad 1 mitir ah



Duubka mitirka

Waxyalaha dhererkoodu dhaadheer yahay waxaa lagu cabbiraa mastarad hal mitir ah ama duubka mitirka.



Dallad 1 mitir ah



Muddo toban daqiiqadood haddii aad lugaysiin fogaansho 1 km noqonaysa ayaad soconaysiin.

Hawlgalka 2.2

Idinka oo laba laba (qindiyaha lammaane) isu kooxaynaya falanqeyda kadibna sheega halbeega dhererka mitir ama kiilomitir ee ku haboon cabbiraada waxyaalahan hoos ku tilmaaman.

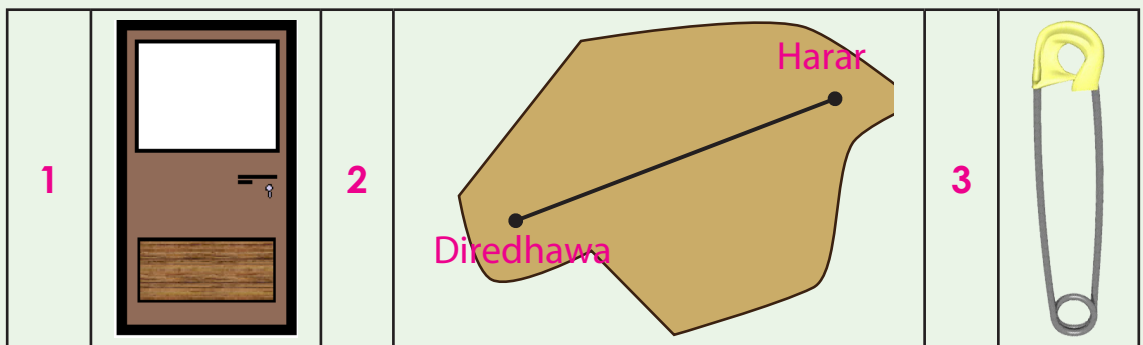
- 1 dhererka jooqqiina
- 2 dhererka gacmihiina
- 3 dhererka ballaca garoonka kubbadda cagta.
- 4 dhererka jooqqa albaabka fasalkiina
- 5 fogaanshaha u dhexeeya gurigiina iyo dugsigiina.
- 6 fogaanshaha u dhexeeya Jigjiga iyo Goday.
- 7 dhererka Wabiga Shabeele
- 8 dhererka Awrka.

Meelaha bannaan tirada ku haboon ku buuxiya.

- | | | | | | |
|----|------------------|----|-------------------|----|-----------------|
| 9 | 1 m = ____ sm | 10 | 3 m = ____ sm | 11 | 1 km = ____ m |
| 12 | 2 km = ____ m | 13 | 100 sm = ____ m | 14 | 400 sm = ____ m |
| 15 | 1000 m = ____ km | 16 | 2000 m = ____ km. | | |

Laylis 2

Walxah hoos ku sawiran dhererka aad u malaynaysiin ama aad ku qiyaasaysiin in uu ku haboon yahay doorta.



b 25 m

t 2 m

j 2 km

b 30 sm

t 30 m

j 30 km

b 4 sm

t 4 m

j 4 km

Sheeg halbeegga sentimitir, mitir ama kiilomitir ee ku haboon cabbiraada dhererka waxyaalaha hoos ku tilmaaman.

- 4 geedka gobka
- 5 Dhererka buuggiina
- 6 Ballaca sabuurada
- 7 Gaadhi fogaanshaha uu hal saac socon
- 8 Dhererka gidaarka fasalkiina
- 9 Fogaanshaha u dhexeeya magaalooiyinka Diridhaba iyo Dhagaxbuur.
- 10 Fogaanshaha la ordo orodka maraatonka
- 11 Dhererka go'aha aad huwataan
- 12 Miiska Jooggiisa.
- 13 Dhererka digaagada.

Meelaha bannaan buuxiya.

- | | | | | | |
|----|------------------|----|------------------|----|-----------------|
| 14 | 4 m = ____ sm | 17 | 7 m = ____ sm | 20 | 3 km = ____ m |
| 15 | 9 km = ____ m | 18 | 200 sm = ____ m | 21 | 600 sm = ____ m |
| 16 | 4000 m = ____ km | 19 | 8000 m = ____ km | | |

2.1.3 ISUGEYNTA IYO KALA GOYNTA HALBEEGYADA DHERERKA

Cabdi oo nijaar (fuundi) ah ayaa doonay inuu miis sameeyo. Wuxuu diyaarsaday loox dhererkiisu dhan yahay 2m iyo 30 sm. Nijaarku looxa uu Istimaalay dhererkiisa marka sm lagu sheego waa imisa?

Habka loo xisaabiyo

$$2 \text{ mitir iyo } 30 \text{ sentimitir} = 2 \text{ m} + 30 \text{ sm.}$$

Marka dherer halbeegyo kala gaddisan la isugaynayo ama la kala goynayo waa in halbeegyada la mideeya oo nooc qudhaato loo baddalaa.

Sidaas darteed ugu horaynta marka 2 mitir loo bedelo sm waxay noqon 200 sm.

$$\begin{aligned} 2 \text{ m} + 30 \text{ sm} &= 200 \text{ sm} + 30 \text{ sm} \\ &= 230 \text{ sm} \end{aligned}$$



Tusaale

$$1 \quad 4 \text{ m} + 40 \text{ sm} = 400 \text{ sm} + 40 \text{ sm} \\ = 440 \text{ sm}$$

$$2 \quad 5 \text{ m} - 50 \text{ sm} = 500 \text{ sm} - 50 \text{ sm} \\ = 450 \text{ sm}$$

Hawlgalka 2.3

- 1 2 m iyo 60 sm u beddela sm.
- 2 Wadarta 3 m iyo 50 sm waa imisa?
- 3 8 m haddii an 90 sm ka goyno imisa ayaa soo hadhi?
- 4 5 m iyo 35 sm waa imisa sm?
- 5 Xadhig 1 m ah haddii 30 sm laga gooyo imisa sm ayaa soo hadhi.

Laylis 3

Kuwan soo socda sm u bedela

- | | |
|------------------|------------------|
| 1 7 m iyo 80 sm | 2 4 m iyo 27 sm |
| 3 2 m iyo 68 sm. | 4 6 m iyo 35 sm. |

Weedh xisaabeeedyo (masalooyin)

- 1 Turunesh Dibaabaa oo orodada fogaanshaha dhaadheer, caam ku ah ayaa Olombigii Beejing lagu qabtay ku guulaysatay oo kaalinta kowaad ku soo baxday labada orod, orodka 10ka km iyo orodka 5ta km. isla markana waxay heshay laba biladood oo dahab ah. Orodaadu labada orod, guud ahaan imisa km ayey oroday?

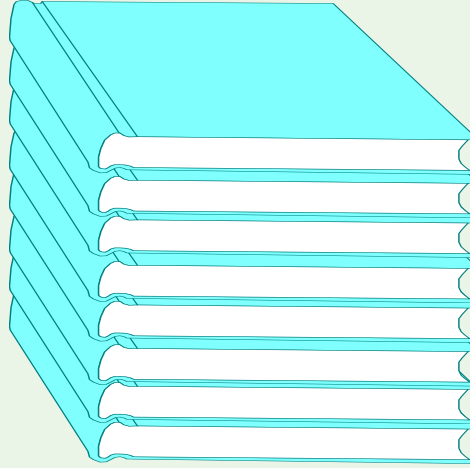


- 2 Baska rakaabka ayaa aroor ka baxay xarunta basaska si uu u tago magaalada fogaan shaheedu yahay 85 km. ka dib markuu 45 km socday shaag ayaa ka qarxay oo wadada ayuu istaagay. Basku magaalada uu ku socday in uu gaadho imisa km ayaa u hadhay?

- 3 Shan Jinac oo dhererkoodu isle'eg yahay ayaa saf inta ay isku daba galeen socda (eeg sawirka hoose). Hal Jinac dhererkiisu haddii uu 4 mm yahay. Dhererka Jinacyada dhammaantood waa imisa?



- 4 Hal buug Jooggiisu waa 3 sm. Haddii 8 buug oo isku mid ah la isdulraseeyo dhammaantood joogoodu waa imisa sm?



2.2 CABBIRAADDA DAREERAHA OO LAGU CABBIRAYO MILLILITIR (ML) IYO LITIR (L)

Millilitir oo loo soo gaabiyo 'ml' iyo Litir oo loo soo gaabiyo 'l' waa halbeeyo loo adeegsado cabbiraada inta dareere ay walaxi qaadhi karto.



Kani waa malqaacad. 5 mililitir (ml) ayuu qaadaa

*Mililitir (ml) waxaa loo isticmaala dareere mugisu aad u yar yahay
1 litir = 1000 mililitir*



kani waa jooga biyaha la darsado 1 litir ayuu qaada.

*Litir waxaa la isticmaalaa marka la cabbirayo dareere aad u badan
1 l = 1000 ml*

Hawlgalka 2.4

Sheega halbeega litir ama militir ee ku haboon cabbiraada qaadka (mugga) walxahan hoos ku sawiran.

1		2		3	
4		5		6	
7		8		9	

Meelaha bannaan tirada ku haboon ku buuxiya.

10 $1 \text{ l} = \underline{\hspace{2cm}} \text{ m l}$



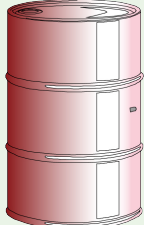
11 $2 \text{ l} = \underline{\hspace{2cm}} \text{ m l}$



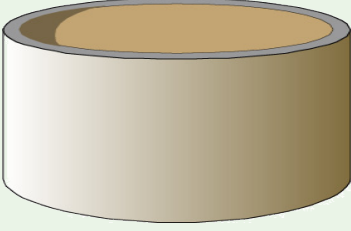
12 $1000 \text{ m l} = \underline{\hspace{2cm}} \text{ l}$

13 $4000 \text{ ml} = \underline{\hspace{2cm}} \text{ l}$

Laylis 4

Walxahan hoos ku sawiran cabbirka qaadkoodu (muggodu) inta uu yahay halbeega ku haboon ee aad u malaynaysaan ama aad ku qiyaasaysaan doorta.

1		2		3	
b	100m l	b	500 m l	b	300m l
t	100 l	t	500 l	t	300 l

		
4	5	6
b 500m ℓ	b 300m ℓ	b 80m ℓ
t 500 ℓ	t 300 ℓ	t 80 ℓ

Sheega qiyaasta, mililitir ama litir ee aad u malaynaysaan in uu ku haboon yahay qaadka (ama muqaa) walxahan hoos ku qoran.

- | | | |
|--|------------------|--------------------|
| 7 dheri | 8 koob | 9 haan |
| 10 Silingo (irbadda dhakhtarka) | 11 barkad | 12 fandhaal |

Meelaha bannaan tirada ku haboon ku buuxiya.

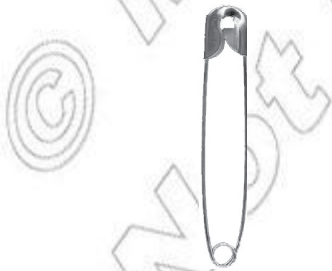
- | | | |
|------------------------------|------------------------------|------------------------------|
| 13 2 ℓ = _____ m ℓ | 14 4 ℓ = _____ ml | 15 8 ℓ = _____ m ℓ |
| 16 9 ℓ = _____ m ℓ | 17 3000 m ℓ = _____ ℓ | 18 6000 m ℓ = _____ ℓ |
| 19 5000 m ℓ = _____ ℓ | 20 7000 m ℓ = _____ ℓ | |

2.3 CABBIRAADA CULAYSKA (AMA CUFKA) OO LAGU CABBIRAYO GARAAM (g) KIILOGARAAM (kg) IYO KIINTAAL

Culayska ama cufka waxa lagu cabbiraa garaam, kilogaraam iyo kiintaal.

Garaam iyo killogaraam

- ➔ Garaam oo loo soo gaabiyo ‘g’ iyo kilogaraam oo isna loo soo gaabiyo ‘kg’ waa halbeeyo lagu cabbiro culayska.



Kani waa biin, culayskiisu waa 1 garaam (g)

Bisadan yar culayskeedu waa 1 kilogaraam (1 kg)

Garaamka waxa la isticmaala marka la cabbirayo waxayaalaha Culayskoodu fudud yahay

Kilogaraam waxa la isticmaala marka la cabbirayo Waxyaalaha aad u cufan ee aad u culus.

$$1 \text{ kilogaraam} = 1000 \text{ garaam}$$

$$1 \text{ kg} = 1000 \text{ g}$$

Kiintaal




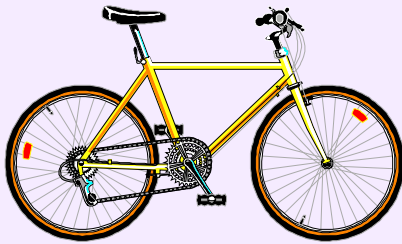
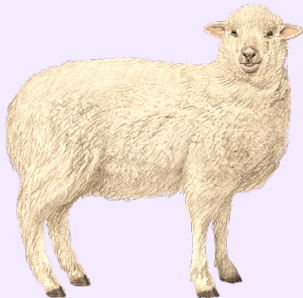

Kiintaal waa halbeeg lagu cabbiro culayska.

Kiintaalka waxaa la adeegsada marka la cabbirayo waxyaala aad iyo aad u culus.

$$1 \text{ kiintaal} = 100 \text{ kg}$$

Hawlgalka 2.5

Sheega halbeega garaam ama kilogaraam ee ku haboon cabbiraada. Waxyalaha hoos ku sawiran.

1		2		3	
4		5		6	

Meelaha bannaan buuxi.

7 $1 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

8 $3 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

9 $2000 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

10 $1 \text{ kiintaal} = \underline{\hspace{2cm}} \text{ kg}$

11 $4 \text{ kiintaal} = \underline{\hspace{2cm}} \text{ kg}$

12 $100 \text{ kg} = \underline{\hspace{2cm}} \text{ kiintaal}$

13 $600 \text{ kg} = \underline{\hspace{2cm}} \text{ kiintaal.}$

Laylis 5

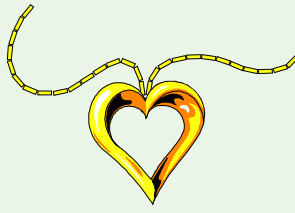
Sawirada hoos ku xusan culayska ku haboon doorta.

1



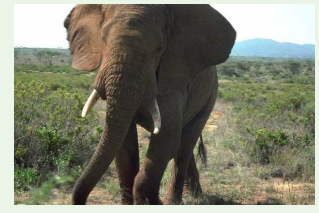
- b** 12 g
t 12 kg
j 12 kiintaal

2



- b** 8 g
t 8 kg
j 8 kiintaal

3



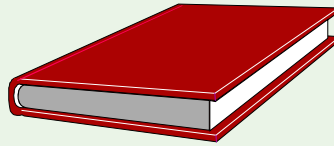
- b** 3 g
t 3 kg
j 3 kiintaal

4



- b** 5 g
t 5 kg
j 5 kiintaal

5



- b** 700 g
t 700 kg
j 700 kiintaal

6



- b** 28 g
t 28 kg
j 28 kiintaal

Sheega halbeega garaam kilogaraam ama kiintaal ee ku haboon cabbiraada culayska waxyaalaha hoos ku qoran

- 7** qalin qori **8** faras **9** gaadhiga xamuulka
10 miiska aad wax ku dul qoratiin
11 qof beeraley ah galleyda u sannadkii tacbado (u soo go'day)
12 culayska qofka

Meelaha bannaan buuxi.

- 13** 2 kg = ____ g **14** 5 kg = ____ g
15 4000 g = ____ kg **16** 8000 g = ____ kg
17 3 kiintaal = ____ kg **18** 9 kiintaal = ____ kg
19 500 kg = ____ kiintaal. **20** 700 kg = ____ kiintaal