

## Cov Hom Phiaj Kawm Tseem Ceeb rau Qib No

### Kev Khiav Dejnum (Functions)

Cov tub/ntxhais kawm ntawv yuav txhais, soj ntsuam, thiab muab cov functions los sib piv thiab yuav siv cov functions los qhia cov kev sib raug zoo.

“Kuv to taub hais tias function yog ib txoj cai uas muaj ib qho output rau txhua qhov input.”

“Kuv muab tau cov functions uas sawv cev rau ntau hom coj los sib piv.”

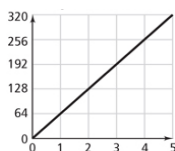
“Kuv siv qhov function coj los qhia txog kev sib raug zoo ntawm txoj kab nyob nruab nrab ntawm ob yam khoom.”

#### Qhov ua piv txwv:

Cov functions hauv qab no qhov twg muaj kev hloov ntawm tus rate ntau tshaj plaws? Qhov twg yog qhov uas muaj nqis tshaj? Piv seb koj paub tau licas.

#### Function 1:

Tus function uas sawv cev nyob ntawm daim graph no.



#### Function 2:

Tus function uas muaj tus input thiab output sib txheeb ze los ntawm qhov lej  
 $y = 40x + 70$ .

#### Function 3:

Tus function uas tsim tawm tau lub table hauv qab no.

x	y
0	50
10	150
20	250
30	350

### Cov Kab Lej uas muaj tsiaj ntawv nrog (expressions) thiab Cov Qhov lej (Equations)

Cov tub/ntxhais kawm ntawv yuav to taub qhov kev sib txuas ntawm cov kev sib raug zoo hais txog proportional, lines, thiab linear equations, thiab lawv yuav tawm tau cov qhov leeb uas yog linear equation thiab systems linear equation.

“Kuv graph tau qhov kev sib raug zoo ntawm kev sib luag thiab txhais tau qhov unit rate raws li txoj kab nqis hav (slope) ntawm daim graph.”

“Kuv paub tias seb qhov leeb linear equation yuav muaj ib qho kev tawm, tawm tau ob peb qho, lossis tawm tsis tau li.”

“Kuv tawm tau cov qhov leeb uas yog systems of linear equation thiab qhov kwv yees los ntawm muab tso rau daim graph.”

#### Qhov ua piv txwv:

Muab hais tias koj twb paub tus nqi raug licas rau ntawm 3 daim gift cards thiab 4 daim pib mus saib yeeb yaj kiab yog \$168, thaum uas 2 daim gift card thiab 3 daim pib mus saib yeeb yaj kiab yog raug nqi \$116.

1. Piv seb yuav siv cov lus uas qhia saum toj no los mus nrhiav seb 1 daim gift card thiab ib daim pib yog raug licas?
2. Txuas ntxiv, piv seb koj yuav nrhiav licas thiaj tau tus nqi rau ib daim pib mus saib yeeb yaj kiab.
3. Piv qhia seb koj yuav ua licas thiaj nrhiav tau tus nqi ntawm 1 daim gift card.

### Leeb Geometry

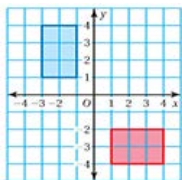
Cov tub/ntxhais kawm ntawv yuav siv cov qauv uas pom kiag, cov ntawv uas muaj duab, lossis Technology los pab kom to taub txog cov duab uas zoo sib thooj thiab cov uas muaj tej yam zoo sib xws.

“Kuv siv tau cov cuab yeej los tig, qhia, txhais thiab ua kom daim duab pom kom loj hauv daim coordinate plane.”

“Kuv txiav txim tau tias ob daim duab zoo sib thooj lossis tsis sib thooj.”

“Kuv siv tau cov coordinates los qhia tias ua cas thiaj ua tau kom loj, txhais, tig, thiab qhia txog ntawm cov duab uas muaj ob seem.”

#### Qhov ua piv txwv:



Ob lub thawv ntawm graph no puas zoo sib thooj?

Koj paub tau licas?

Yog tias nkawv zoo sib thooj, piv qhia ib them zuj zus txoj ntawm seb kev hloov uas qhia tias nkawv zoo sib thooj yog licas.

## Cov Cwj Pwm Xav Kom Coj Nyob rau Hauv Chav Kawm Leb

*Cov Tub/Ntxhais Kawm Yuav...*

- Xav txog cov cuab yeej uas muaj los pab lawv daws cov teebmeem thiab nkag siab tob ntxiv (xws li cov cuab yeej siv tes thiab technology).
- Nrhiav cov qauv sib raws thiab kev sib txuas.
- Piav qhia txog lawv kev xav thiab lawv qhov kev los daws ib qho teebmeem.
- Twv seb yuav zoo licas tom ntej thiab kwv yees.
- Txiav txim seb qhov lus teb puas tsim nyog.
- Teev kom muaj laj thawj rau cov lus kawg.
- Siv cov tswv yim los sib txuas lus kom meej meej thiab sau ntawv, siv cov lus ua lej thaum tsim nyog.
- Siv kev ua leb los daws cov teebmeem nyob hauv lub neej li txhua hnuv no.

## Kuv Yuav Txhawb Pab Tau Kuv Tus Tub/Ntxhais Kawm Ntawv Tau Licas Nyob Rau Hoob Kawm No?



### Mus rau hauv Google Classroom Tsis Tu Ncuva (yog tau)

- ⇒ Saib rau ntawm qhov Stream rau kev tshaj tawm txhua hnuv thiab kev qhia sijhawm rau txhua lub asthiv.
- ⇒ Saib rau qhov Classwork rau kev qhia cov ntaub ntawv ua hauv chav thiab txhawb pab.



### Txhawb Ntau Lub Tswv Yim thiab Cov Sawv Cev ntawm qhov Teebmeem

- ⇒ Nug kom koj tus tub/ntxhais kawm ntawv siv cov hauv kev sib txawv los daws qhov teebmeem.
- ⇒ Txhawb kom siv cov kev sawv cev sib txawv (xws li cov cim, cov lo lus, lossis cov duab/cov uas pom), thiab kom lawv muab los sib txuas nrog cov sawv cev.



### Nug Cov Lus Nug & Txhawb Koj Tus Tub/Ntxhais Kawm Ntawv Kom Nug COv Lus Nug

- ⇒ Thaum uas koj tus tub/ntxhais kawm ntawv tau kev tws lawm, tsis txhob cia li qhia lawv qhov lus teb uas raug ncaj qha. Nug cov lus nug li:
  - “Qhov lus nug ntawm qhov teebmeem/qhov haujlwm yog dabtsi?”
  - “Koj nkag siab/paub txog dabtsi los ntawm qhov haujlwm?”
  - “Koj paub tau licas?” Mloog thaum koj tus tub/ntxhais kawm ntawv piav qhia lawv qov kev ua lej tias vim licas thiab nug “Koj qhov lus teb puas muaj tseeb?” raws li cov ntsiab lus ntawm qhov teebmeem lossis kev ua haujlwm .
- ⇒ Txhawb koj tus tub/ntxhais kawm ntawv kom sau cov lus nug cia nqa tuaj rau lawv tus xibfwb lossis tus khub rau hnuv tom ntej.



### Saib Kev Yuav Kev Kom Muaj Nqis

- ⇒ Cov tub/ntxhais kawm ntawv tab tom kawm thaum lawv ua yuam kev; tsim kom ib puag ncig uas koj tus tub/ntxhais kawm ntawv tsis txhob txaj muag ua yuam kev thiab kawm los ntawm qhov nws yuam kev.



### Txaus Siab Rau Kev Siv Zog Tshaj Cov Lus Teb Zoo thiab Ua Kom Ceev

- ⇒ Ua kev zoo siab rau koj tus tub/ntxhais kawm qhov nws rau siab tshaj plaws, tsis hais txawm nws qhov lus teb yuav yog lossis tsis yog.
- ⇒ Thaum koj tus tub/ntxhais kawm kev taws lawm, qhia kom lawv nco tia skev kawm yeej tsis yooj yim thiab yog lawv rau siab ntso xyaum txuas ntxiv mus thiab mob siab ua, lawv yuav tsum ua tau zoo dua qub.

Xav paub ntau ntxiv mus saib tau ntawm [scusd.edu/math](https://scusd.edu/math) lossis tiv toj tau [Mikila-Fetzer@scusd.edu](mailto:Mikila-Fetzer@scusd.edu), tus Director ntawm PL, Science, EdTech, PE, & Mathematics

**SCUSD Kev Sib Txig & Tus Txheej Txheem Qhia Siv:** *Txhua tus tub/ntxhais kawm ntawv puav leej tau txaus hwo tsam sib luag los kawm kom tiaov nrog rau tus naj npawb uas siab tshaj tom qab kawm tiaov los ntawm cov kev xaiv dav tshaj plaws.*

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