



# Daim ntawv taw qhia rau niam txiv txog kev kawm leb qib 6

## Cov Hom Phiaj Kawm Tseem Ceeb rau Qib No

### Kev Xav Vim Licas nrog rau Cov Ratios thiab Rates

Cov tub/ntxhais kawm ntawv yuav siv kev xav tias vim licas ntawm cov ratios, cov rates, thiab cov feem pua.

“Kuv nyeem tau qhob leb uas sau ua ntawv thiab muab qhov xwm tsheej coj los sawv cev ua ib qho ratio (kev sib piv ntawm ob yam dab tsi).”

“Kuv siv tau ib qho ratio coj los nrhiav qhov rate (tus nqi) uas txuam rau, tus unit rate, thiab cov ratios uas sib npaug.”

“Kuv ua tau tus qauv rau cov ratios, rates (txuam rau thiab cov unit rates), thiab cov feem pua.”

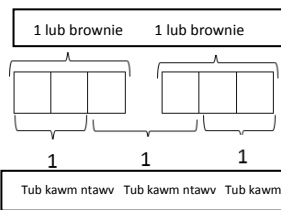
*Qhob ua piv txwv:*

**Kev tawm:** Koj ci ib co brownies rau tag nrho cov tub/ntxhais kawm ntawv hauv koj chav kawm, tab sis koj ci tsis txaus. Koj ci 24 lub brownies, thiab nws muaj 36 tus tub/ntxhais kawm ntawv nyob rau hauv koj chav kawm.

**Sawv ce raws li yog qhov Ratio:**  
24 lub brownies : 36 tus tub/ntxhais kawm ntawv lossis  
2:3

**Txhais qhov Ratio:**  
Nws muaj 2 lub brownies rau txhua txhua 3 tug tub/ntxhais kawm ntawv.

**Ua ib tug qauv kom pom ntawm qhov muag:**



**Nrhiav Qhov Unit Rate:**  
Txhua tus tub/ntxhais kawm ntawv tau txais  $\frac{2}{3}$  ntawm ib lub brownie.

Koj yuav muab pes tsawg lub brownies rau lub rooj uas muaj 6 tus tub/ntxhais kawm ntawv zaum?

### Cov Kab Lej Uas Muaj Tsjaj Ntawv Nrog thiab Cov Qhob Lej

Cov tub/ntxhais kawm ntawv yuav sau, txhais, thiab soj ntsuam cov kab lej uas muaj tsaj ntawv thiab cov qhob lej.

“Kuv to taub cov uas nyob txij cov kab lej algebraic expressions thiab equations (factor, product, term, etc.).”

“Kuv nyeem, sau, thiab soj ntsuam tau cov kab lej uas muaj tsaj ntawv thiab cov qhob lej uas yog muaj cov ntsiaj ntawv sawv cev rau cov naj npawb.”

$2x + 1$  (Kab lej,  $x$  yuav yog tus nqi licas los tau)  
 $4x - 3 = 9$  (Qhob lej,  $x = 3$ )

“Kuv sau tau ib qho xwm txheej uas tsis sib xws los sawv cev rau ib qho uas muaj tshwm sim tiag, nyob rau seem uas  $x > c$  lossis  $x < c$ ; piv txwv li, peb chav kawm ntawv yuav tsum nrhiav kom tau nyiaj yam tsawg kawg yog \$100 mus rau tsev kawm ntawv qhov kev mus ua si ( $x \geq 100$ ).”

*Qhob ua piv txwv:*

Meagan siv \$56.58 rau peb lub ris jeans. Yog hais tias txhua lub ris jeans tus nqi yog zoo ib yam, sau ib qhob lej uas sawv cev qhov xwm txheej thiab daws kom paub seb tus nqi ntawm ib lub ris jeans yog licas.

\$56.58		
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### Tus Naj Npawb System

Cov tub/ntxhais kawm ntawv yuav to taub thiab siv cov naj npawb uas yog negative, faib cov naj npawb uas yog fractions faib, thiab ua cov lej uas muaj lub qe qaum (decimal).

“Kuv ua tau cov leb ntxiv, leb rho, leb khoo, thiab leb faib uas muaj ntau tus lej nrog rau lub qe qaum siv tus qauv algorithm.”

“Kuv daws tau cov teeb meem leb muaj tiag los ntawm muab graph rau hauv tag nrho plaub lub quadrants ntawm daim coordinate plane ( $x/y$  daim phiaj).”

“Kuv faib tau cov fractions los ntawm cov whole numbers thiab muab faib los ntawm siv tus qauv fractions kom pom qhia ntawm qhov muag.”

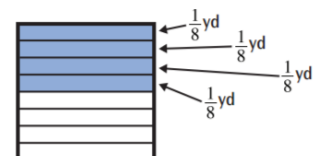
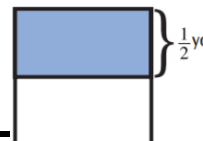
(saib qhov ua piv txwv hauv qab)

*Qhob ua piv txwv:*

Manny muaj  $\frac{1}{2}$  ntawm ib dag ntaub uas nws npaj los mua ua cov pas kem ntawv (bookmarks).

Txhua tus pas kem ntawv yog siv  $\frac{1}{8}$  ntawm ib dag ntaub coj los ua.

Manny yuav ua tau pes tsawg tus pas kem ntawv?



## 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 lidas 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 Lidas Nyob Rau Hoob Kawm No?



### Mus rau hauv Google Classroom Tsis Tu Ncua (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 lidas?” Mloog thaum koj tus tub/ntxhais kawm ntawv piav qhia lawv qov kev ua lej tias vim lidas 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 hwov 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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