Qib 6 Leb

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.

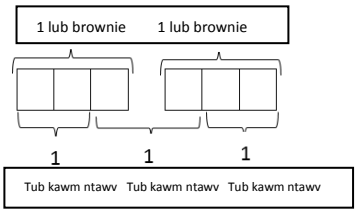
"Kuv nyeem tau qhob leb uas sau ua ntawv thiab muab qhov xwm tsheej coj los sawv cev ua ib qho ratio (kev sib piv ntawm ob yam dab tsi)."	"Kuv siv tau ib qho ratio coj los nrhiav qhov rate (tus nqi) uas txuam rau, tus unit rate, thiab cov ratios uas sib npaug."	"Kuv ua tau tus qauv rau cov ratios, rates (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/ntxhaix 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 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?

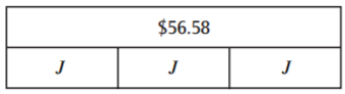
Cov Kab Lej Uas Muaj Tsiaj Ntawv Nrog thiab Cov Qhob Lej

Cov tub/ntxhais kawmntawv 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 tsiaj 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.



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).

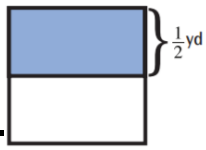
"Kuv ua tau cov leb ntxiv, leb rho, leb khoo, thiab leb faib uas muaj ntau tus lej nrog rau lub qe qaum siv tus qauv algorithm."	"Kuv daws tau cov teeb meem leb muaj tiag los ntawm muab graph rau hauv tag nrho plaub lub quadrants ntawm daim coordinate plane (x/y daim phiaj)."	"Kuv faib tau cov fractions 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*)

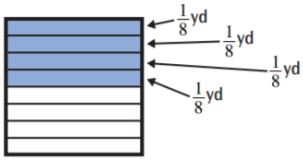
Qhob ua piv txwv:

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?





Qib 6 Leb

Cov cwj pwm yuav tsum muaj rau hauv chav kawm Leb

Cov tub/ntxhais kawm ntawv yuav tau….

- Muab kev twv tias yuav tawm licas thiab kev kwv yees
- Txiav txim siab seb qhov lawv teb puas tsim nyog txaus
- Siv cov kev piv txwv thiab cov qauv piv txwv los luj seb yog licas tiag
- Piav qhia seb lawv kev xav thiab kev daws qhaub lej qhov teebmeem tau licas
- Siv kev ua lej los mus daws qhaub lej qhov teebmeem nyob hauv lub neej niaj hnub no
- Xav seb puas muaj tej yam cuab yeej uas siv tau los mus pab lawv daws cov teebmeem –(xws li siv tes ua kiag thiab technology)
- Siv technology los mus kawm kom paub txog thiab kom lawv kev to taub kom tob dua
- Sib tham sib txuas cov tswv yim kom meej meej thaum hais lus thiab sau ntawv, uas yog siv cov ntsiab lus lej uas tsim nyog siv
- Nrhiav tej yam qauv lossis tej yam tej yam qhia tau sai

Kuv Yuav Pab Kuv Tus Tub/Ntxhais Kawm Ntawv rau Hoob Kawm No Tau Licas?

1. Nug cov nqe lus li nram no

- Thaum uas koj tus tub/ntxhais tws kev lawm, nug nws cov nqe lus xws li:
  - "Koj paub tau licas?"
  - "Koj puas tau pom dua ib qho teebmeem zoo li qhov no dua?"
  - "Koj puas nkag siab txog qhov koj teb?"
  - "Qhaub lej nug koj txog dabtsi?"
  - "Tshuav yam ntaub ntawv twg uas koj yuav tsum tau los pab koj daws cov teebmeem no?"

2. Txhawb Koj Tus Tub/Ntxhais Kawm Ntawv Kom Nug Cov Kab Lus No

- Koj tsis tas yuav teb txhua txhua nqe lus nug uas koj tus tub/ntxhais kawm ntawv muaj, txhawb kom koj tus tub/ntxhais kawm ntawv sau nws nqe lus nug tseg es nqa mus rau tus xibfwb lossis ib tug khub nws kawm nrog tom tsev kawm ntawv hnub tom qab

3. Nug Koj Tus Tub/Ntxhais Kawm Ntawv Kom Muab Qhov TeebMeem Sau Ua Duab

- Txhua yam leb yeej muab qhia tau kom pom kiag daim duab, kev sawv cev kom pom tau daim duab tias yog lej pab tau rau tus tub/ntxhais kawm ntawv kom to taub txog cov lej no
- Txhawb kom siv cov xim sib txawv los qhia

4. Txhawb Kom Siv Ob Peb Txoj Hauv Kev Los Qhia Daws Qhaub Lej Qhov Teebmeem

- Nug kom koj tus tub/ntxhais kawm ntawv daws qhaub lej qhov teebmeem siv ob peb txog hauv kev sib txawv, thiab kom muab cov kev sib txawv ntawd los sib txuas uake

5. Saib Cov Kev Yuam Kev Kom Muaj Nqis

- Cov tub/ntxhais kawm ntawv yuav kawm tau thaum uas lawv ua yuam kev; tsim kom muaj ib qho chaw uas koj tus tub/ntxhais kawm ntawv swm es yog ua yuam kev thiab los mam kawm kom paub los ntawm qhov yuav kev ntawd

6. Tsis Txhob Cia Li Qhia Ncaj Qha Tias Qhov Lus Teb Yog Licas

- Yog thaum uas tus tub/ntxhais kawm ntawv paub lawm tias qhov lawv teb yog lawm, ces lawv yuav feem ntau tsis xav txog cov lej lawm
- Dua li uas cia li qhia tias qhov lus teb yog licas rau lawv, nug lawv ib nqe lus nug (saib #1) lossis kom lawv kos ib daim duab

7. Qhuas Nws Lub Peev Xwm

- Thaum uas koj tus tub/ntxhais kawm ntawv ua yog lawm, qhuas rau tias ntshe nws yuav siv zog heev thiab xyaum tas li
- Thaum koj tus tub/ntxhais kawm ntawv tws kev lawm, paub txog tias kev tawm lej qee zaus yeej nyuaj thiab tsis yooj yim thiab tabsis yog lawv rau siab ntso xyaum ntxiv mus, lawv yeej yuav tsum ua tau xwb

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Xav paub ntau tshaj no, mus saib tau ntawm scusd.edu/math lossis tiv toj tau rau Mikila-Fetzer@scusd.edu, Tus Tuav Tswj Leb

SCUSD Lub Zeem Muag rau Kev Qhia thiab Ntsuam Xyuas: *Raws li yog ib tug neeg kawm ntawv nyob hauv lub zej zos, peb sib zog los ua kom muaj kev zoo thiab kev koomtes rau tej kev kawm ntawv uas tsis yooj yim kiag, lub chaw rau cov tub/ntxhais kawm ntawv uas yog lub hauv paus muaj cov txheej txheem qhia ntawv. Cov xibfwb siv tej kev nug raws li kev qhia thiab tej ntaub ntawv uas muaj los ntawm kev ntsuam xyuas los txhawb rau TXHUA TUS tub/ntxhais kawm txoj kev sib txuas lus thiab kom paub rais los ua ib co uas paub cai txawj xav txawj coj.*