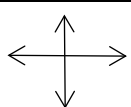
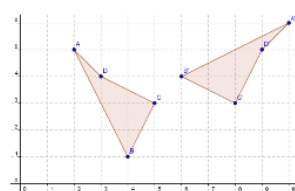


# Daim ntawv taw qhia rau niam txiv txog kev kawm leb qib Math 1 (Middle School thiab High School)

## Cov Hom Phiaj Kawm Tseem Ceeb rau Qib No

<b>Cov Linear thiab Exponential Functions uas yog siv txoj kab thiab tus lej uas nyob saum toj tus naj npawb qhia tias muaj pes tsawg npaug</b>												
Cov tub/ntxhais kawm ntawv yuav siv cov table, graphs, thiab cov qhob leb equation los sawv cev rau tej yam uas tshwm sim uas muab ua qauv qhia tau los ntawm txoj kab linear lossis exponential uas yog pes tsawg npaug.												
<p>“Kuv nyeem tau qhob leb sau ua ntawv thiab muab sawv cev ua ib lub table qhia txog ntawm qhov muaj nqis licas, ib daim graph, lossis ib qhob leb equation.”</p>	<p>“Kuv tawm tau qhob leb linear equation (lossis qhov system ntawm cov qhob leb linear equations) thiab nkag siab tias kuv ua licas thiaj tawm tau li ntawd.”</p>	<p>“Kuv graph tau txoj qhob lej linear equation thiab nkag siab tias txoj kab nqis hav slope thiab txoj kab y-intercept txhais tau licas ntawm qhov teebmeem uas muab los ua qauv.”</p>										
<p><b>Qhob ua piv txwv:</b></p> <p><b>Qhov Teebmeem:</b> Lub company ua phau duab tsub tus nqe tes ua ib phau duab yog \$12 toj ib phau txawm loj los me, ntxiv rau \$1rau ib nplooj twg hauv phau duab.</p> <p style="text-align: center;"><i>Siv tus C los sawv cev ntawm tus nqi uas tsub rau ib phau duab twg, thiab tus p los sawv cev rau tus naj npawb ntawm ib nplooj twg.</i></p>												
<p><b>Kos ib lub table</b></p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;"><i>p</i></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px;"><i>C</i></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>	<i>p</i>					<i>C</i>					<p><b>Teeb txoj kab Graph</b></p> 	<p><b>Sau ib qhob leb Equation</b></p>
<i>p</i>												
<i>C</i>												
<p>Yuav raug nqi ntau npaum licas rau ib phau duab uas muaj 16 nplooj? Qhov koj tawm tau puas yog thiab? Koj paub tau licas?</p>												

<b>Cov naj npawb uas muab tau los ntawv kev tshawb fawb (Statistics)</b>																		
Cov tub/ntxhais kawm ntawv yuav qhia, sau txog lub ntsiab lus, thiab ntsuam xyuas cov naj npawb (data) raws li muaj tseeb uas sau tseg los ntawm kev tshawb fawb.																		
<p>“Kuv muab tau cov qes qaum tso rau ntawm daim graph los qhia txog kuv cov naj npawb (data) tias cov points nyob rau qhov twg.”</p>	<p>“Kuv yuav nrhiav tau ib txoj kab uas zoo tshaj los haum rau kuv cov naj npawb.”</p>	<p>“Kuv nkag siab txog kuv cov naj npawb, saib rau tej yam uas zoo sib thooj, thiab kwv yees thiab twv seb yuav zoo licas.”</p>																
<p><b>Qhob ua piv txwv:</b></p> <p>Tau tsim muaj ib qho game cuam cov kauj me me nyob rau tim fair kom muaj feem pua yeej tsawg tshaj plaws rau ntawm cov neeg uas los play xwb. Ib hnub twg lub fair sau tseg tias ib hnub muaj tsawg tus los play thiab muaj tsawg tus yeej. Tau muab cov naj npawb sau tseg rau hauv lub table nram qab no.</p>																		
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #D9D9D9;"> <th style="padding: 2px;">Number of players</th> <th style="padding: 2px;">Number of winners</th> </tr> </thead> <tbody> <tr><td style="padding: 2px;">11</td><td style="padding: 2px;">2</td></tr> <tr><td style="padding: 2px;">36</td><td style="padding: 2px;">6</td></tr> <tr><td style="padding: 2px;">36</td><td style="padding: 2px;">5</td></tr> <tr><td style="padding: 2px;">39</td><td style="padding: 2px;">8</td></tr> <tr><td style="padding: 2px;">35</td><td style="padding: 2px;">7</td></tr> <tr><td style="padding: 2px;">18</td><td style="padding: 2px;">3</td></tr> <tr><td style="padding: 2px;">10</td><td style="padding: 2px;">1</td></tr> </tbody> </table>	Number of players	Number of winners	11	2	36	6	36	5	39	8	35	7	18	3	10	1	<ol style="list-style-type: none"> <li>1) Muab cov qe qaum tso raws cov naj npawb</li> <li>2) Sau ib qhob leb rau txoj kab kom haum rau cov naj npawb</li> <li>3) Txhais txoj kab nqis hav (slope) thiab txoj kab y-intercept raws li nyob rau hauv cov nqe lus ntawm cov ntawv sau</li> <li>4) Yog tias muaj txog 100 leej play qhov game no, twv seb pes tsawg leej yuav yeej</li> </ol>	
Number of players	Number of winners																	
11	2																	
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<b>Leb Geometry: Kev Zoo ib yam thiab kev rhawv/tsim</b>		
Cov tub/ntxhais kawm ntawv yuav nkag siab cov kev hloov pauv, cov duab kos uas zoo ib yam, thiab rhawv cov duab geometics.		
<p>“Kuv muab tig, muab hloov pauv kom zoo li qub, muab txhais, thiab muab cov duab hauv lub coordinate plane(x/y grid) rub kom loj tuaj ntxiv.”</p>	<p>“Kuv qhia tau tias ob daim duab kos no zoo ib yam los tsis zoo ib yam (loj sib luag thiab nkhaus qaij ib yam).”</p>	<p>“Kuv siv tau cov cuab yeej (xws li technology lossis tus kos kab kom ncaj thiab lub compass) los khij cov kab kom ncaj sib luag thiab muab tso uake.”</p>
<p><b>Qhob ua piv txwv:</b></p> <p>Ob daim duab kos no puas zoo ib yam? Koj paub tau licas? Yog tias nkawv zoo ib yam, qhia seb qhov nkawv hloov tig los mus licas los qhia tau tias nkawv thiaj zoo ib yam.</p>		
		

# Daim ntawv taw qhia rau niam txiv txog kev kawm leb qib Math 1 (Middle School thiab High School)

## 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 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 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 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.

Updated Sept. 2023