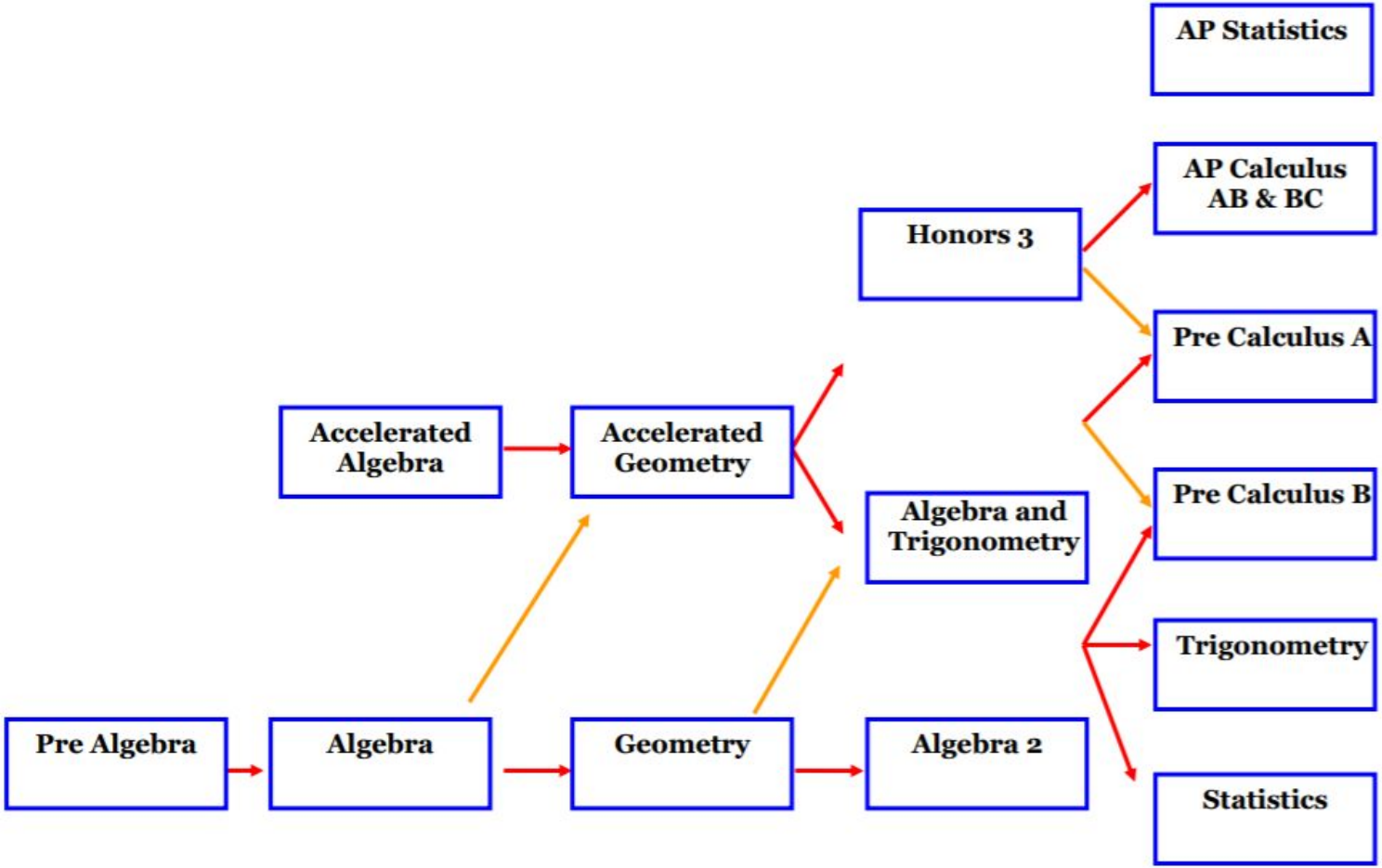
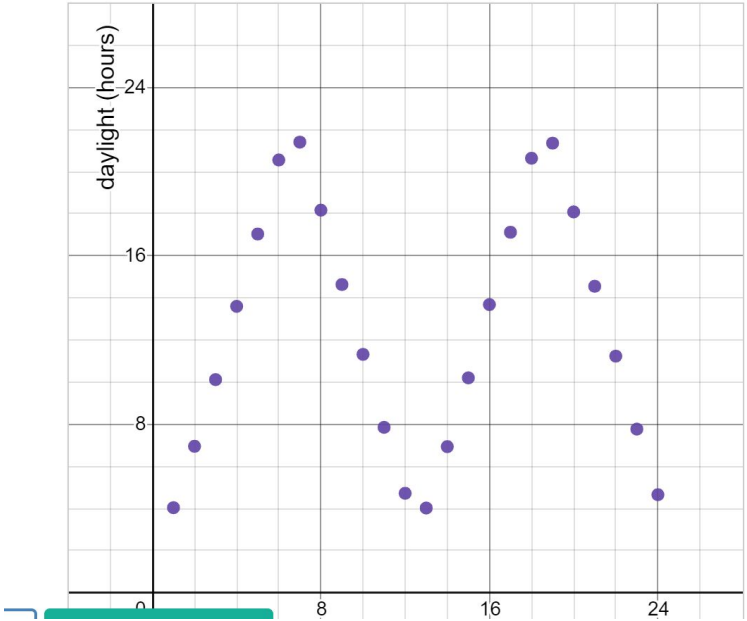

AP Statistics
AP Calculus AB & BC
Honors 3
Pre Calculus A
Accelerated Algebra
Accelerated Geometry
Pre Calculus B
Algebra and Trigonometry
Trigonometry
Pre Algebra
Algebra
Geometry
Algebra 2
Statistics

Variety of ways to learn.

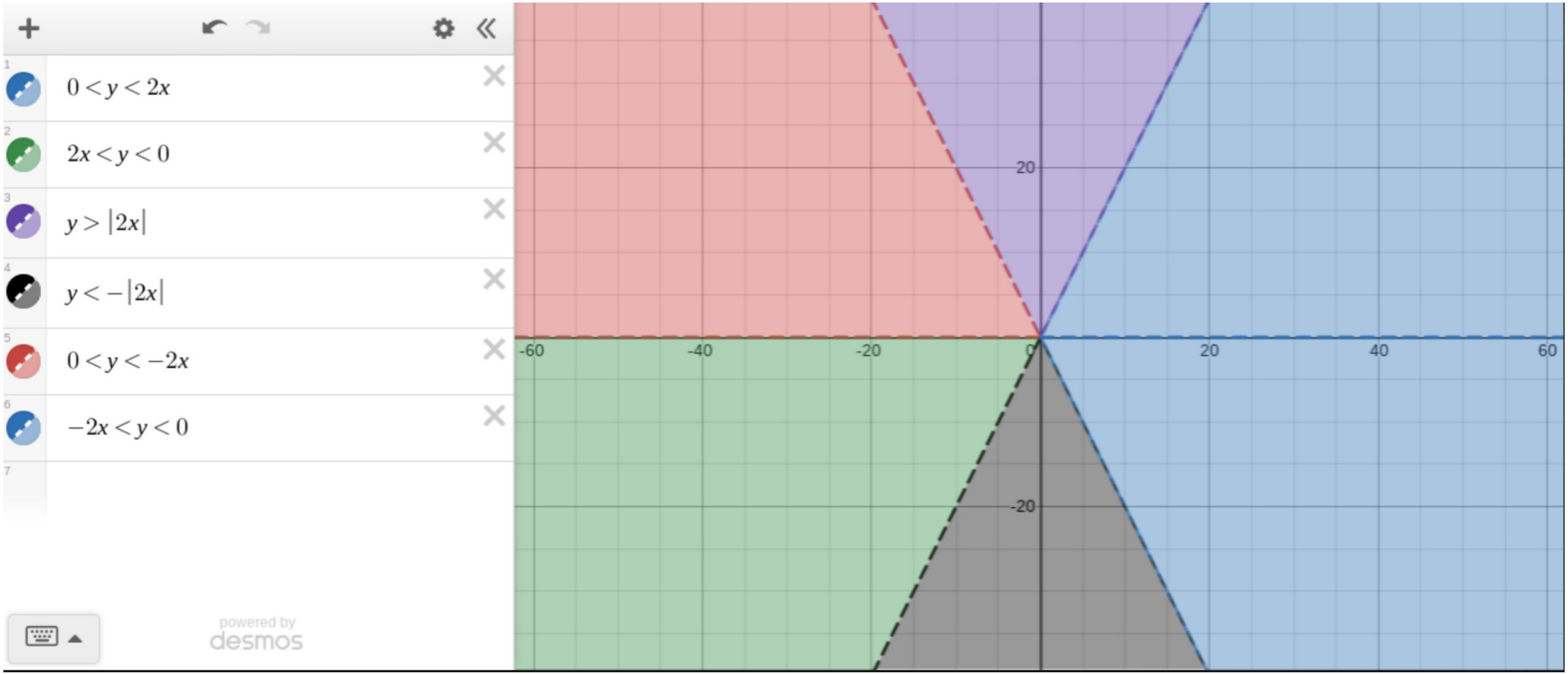
Build a Model



The purple graph represents hours of daylight in Fairbanks!

Write an equation to represent the number of hours of daylight as a function of time (in months) for Fairbanks.

Share with Class

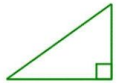

1
$0 < y < 2x$
2
$2x < y < 0$
3
$y > |2x|$
4
$y < -|2x|$
5
$0 < y < -2x$
6
$-2x < y < 0$
7
powered by
desmos
20
-60
-40
-20
0
20
40
60
-20

Back

Match

TIME

8.8



A triangle with one right angle

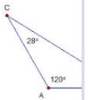
Scalene Triangle

Obtuse Triangle

A triangle with 3 congruent angles

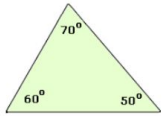
Right Triangle

Equiangular Triangle



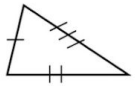
A triangle with or angle

A triangle with at least 2 congruent sides



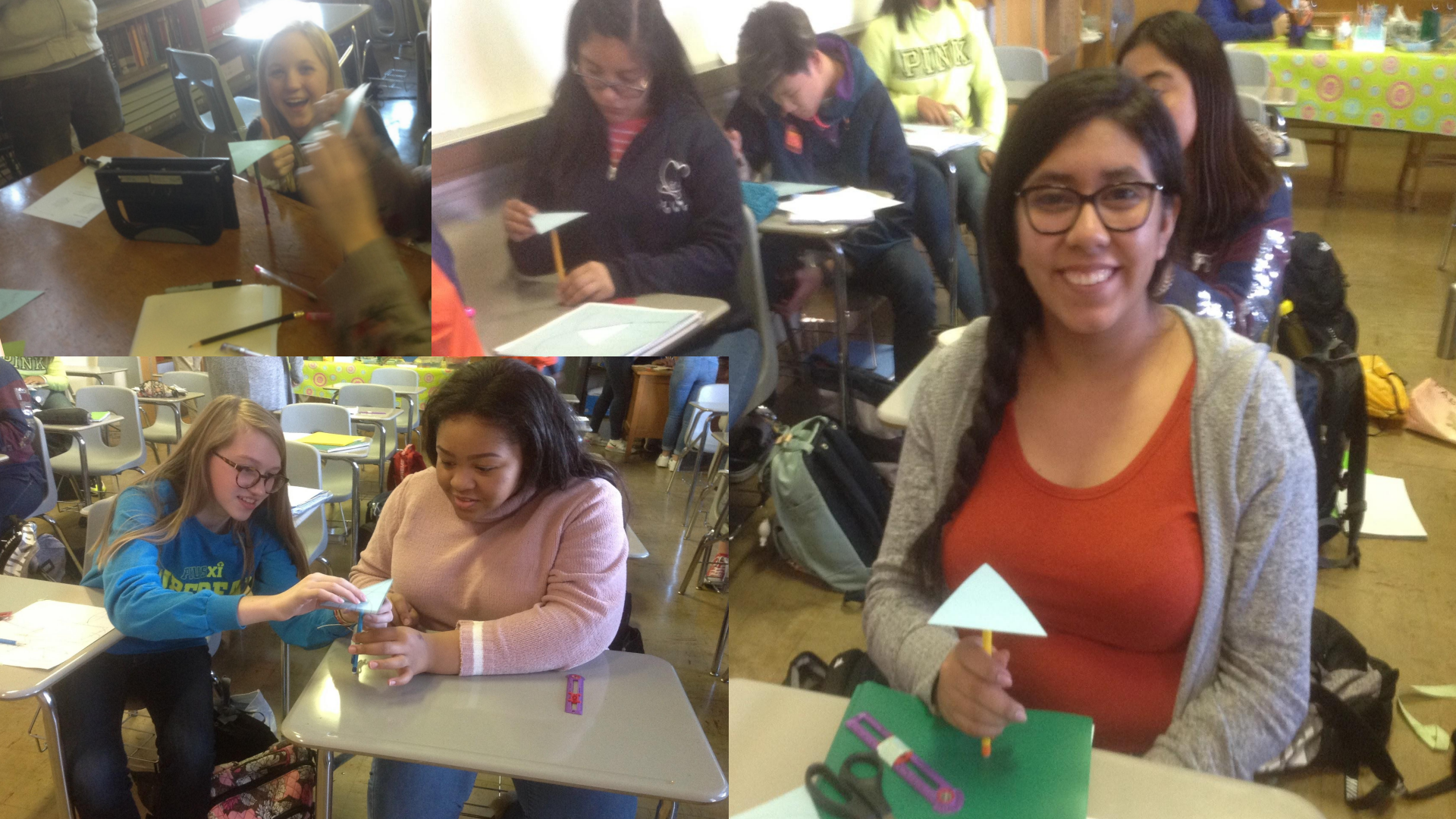
A triangle which has 3 acute angles

Acute Triangle



Triangle that has three different side lengths

Isosceles Triangle

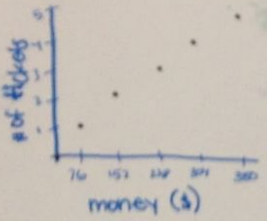

PINK

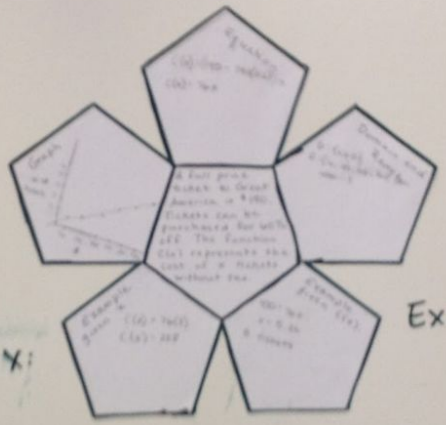
Equation:

$C(x) = (190 - 190(0.6))x$

$C(x) = 76x$

Graph:





Domain & Range:

D: $\{x \geq 0\}$

R: $\{76, 152, 228, 304, 380\}$

Example given x:

$C(x) = 76(3)$

$C(x) = 228$

Example given C(x):

$400 = 76x$

$x = 5.26$

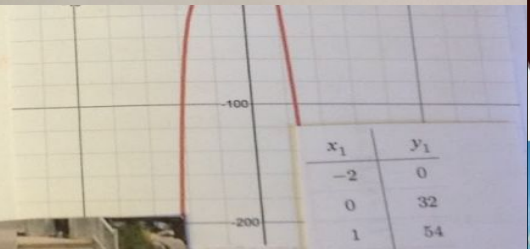
5 tickets

quartic!"

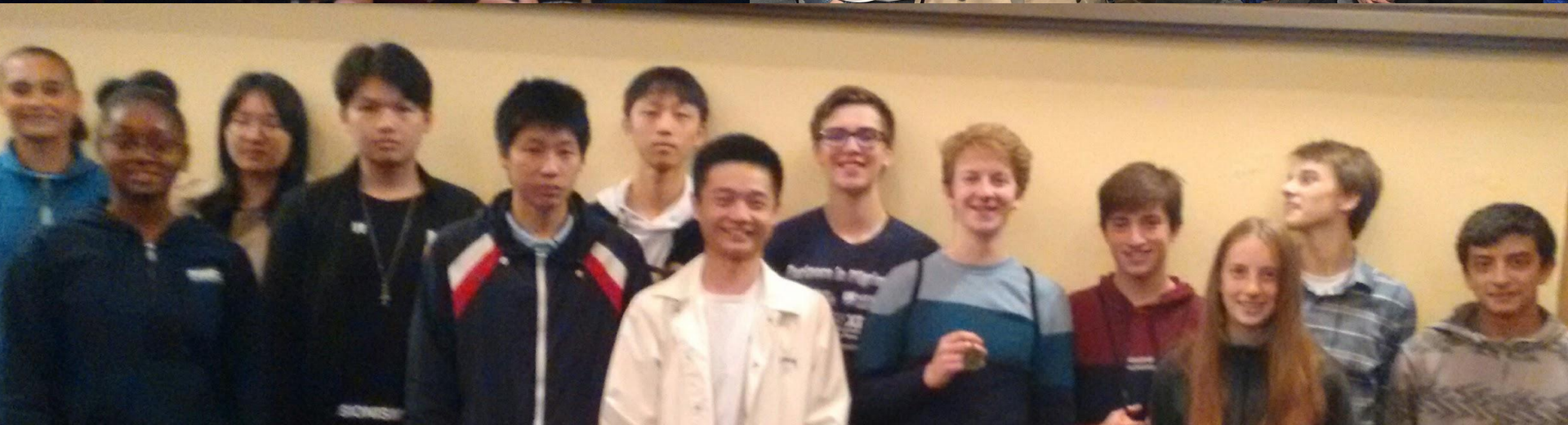
"Wait, why is it a function?"

Clara countered.

"Let me show you," Katherine replied.



x_1	y_1
-2	0
0	32
1	54
2	0

$-2(x+2)^3(x-$

Mathletes