Desmos Assessment

- Test Integrity
- Ways to use Desmos for Assessment
- Sample Assessments
- Resources
Desmos Calculator
desmos.com

Desmos Activity Builder (AB)
teacher.desmos.com

CL - Computation Layer, programming
Test Integrity

- Room Set-up
  - Close all other windows
  - Desk Backwards

- Test Integrity
  - Sign an honor code
  - PAUSE at end so they cannot access assessment
Activity Builder for Assessments

1) Graphing calculator replacement
   a) Progress
   b) Record

2) Stand alone exam

3) Companion assessment
Rational Expressions Quiz

Welcome to the Rational Expressions Quiz.

You do not have to use this. If you do use this, please use a new screen for each question.

This is the ONLY thing you are allowed to have open during this quiz.

During this quiz, you may NOT look at other files on your computer or open any other windows. You may NOT text on your computer.

Please type your name below if you agree to honor these terms.

CATHLEEN MORAWETZ
DESMOS WAS A LIFE SAVER
Assessment - Calculator Replacement

1. Rational Expressions...
   Welcome to the Rational Expressions Quiz.
   You do not have to use this.

2. 2.

3. 3.


5. Question 5.


7. Thoughts?
   How did it go? Did you like using Desmos? Anything else?
Go to student.desmos.com and type in:

5T6 3C9
Stand Alone and Companion Assessments

- Stand Alone
  - Short reassessments
- Companion Assessments
  - Longer assessments
  - Paper only
  - Combination
- Format
  - Answers on paper so I could grade and comment
  - Checked Desmos for clarification
Companion Assessments

**DESMOS CODE:**

Questions Missed (problems 1-8)

9) **Writing Polynomial Functions.** Show all work and then write the equation of the polynomial here. You must use THREE decimal places for full credit.

\[ f(x) = \]
Plan A - Chart ($5 every week)

<table>
<thead>
<tr>
<th>$x_1$</th>
<th>$y_1$</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>50</td>
</tr>
<tr>
<td>1</td>
<td>55</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Plan A - Enter your explicit function below. (formula)

$y =$

Plan B - Chart (5% increase each week)
Liu Hui

Yes | I liked using Desmos for the assessment because it helped double check my work. I liked being able to plug my equation in and see if it matched up with the given graph.

Gotthold Eisenstein

Yes | It made it easier

Jacob Bernoulli

Yes | I like the graphs so we can see a better picture and be able to click on the lines to see points.

Giuseppe Peano

Yes | Allows me to check myself
I feel good about this midterm. The Desmos really helped because it made it much easier for me to confirm I was right, and also gave some hints on how to solve some of the problems algebraically.
I love being able to use Desmos to figure out whether or not I get the answer correct and I love being able to only show work on paper, but sometimes if I get the answer wrong I spend the rest of the test trying to figure out what I did, and it tends to really frustrate me. So overall, it helps, but instead of getting a problem wrong gracefully it really gets in my head and screws up the entire rest of the test, however, when I know I get an answer right, it feels good.