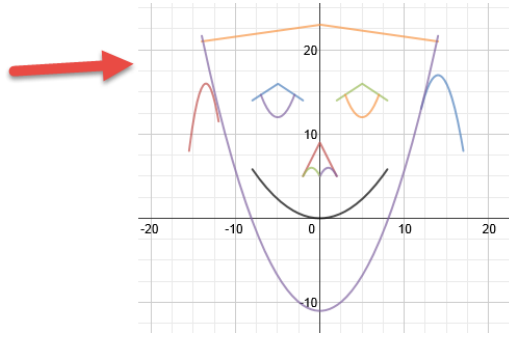


Des-man activity

Get students to make faces like this.



With equations like this:

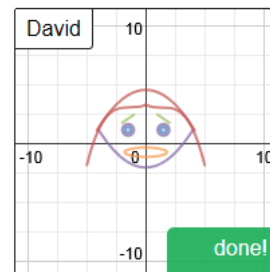
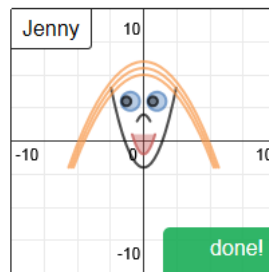
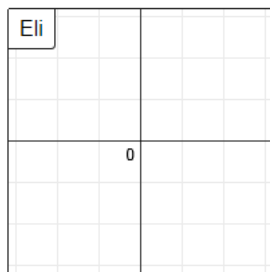
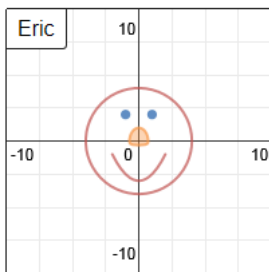
1		$y = \left\{ -8 \leq x \leq -2: -\frac{2}{3} x+5 \right\}$	
2		$y = \left\{ 2 < x < 8: -\frac{2}{3} x-5 + 16 \right\}$	
3		$y = \left\{ -7 < x < -3: \frac{2}{3}(x+5)^2 + \right\}$	
4		$y = \left\{ 3 < x < 7: \frac{2}{3}(x-5)^2 + 12 \right\}$	

If you are only doing straight lines:

1		$x - 2y = -16 \{ 4 \leq x \leq 8 \}$	
2		$-x - 2y = -32 \{ 8 \leq x \leq 12 \}$	
3		$-x - y = -14 \{ 4 \leq x \leq 8 \}$	
4		$x - y = 2 \{ 8 \leq x \leq 12 \}$	
5		$-x - y = -15 \{ 7 \leq x \leq 8 \}$	
6		$-x + y = -1 \{ 8 \leq x \leq 9 \}$	

The teacher view (dashboard) allows you to see your class's graphs:

Filter by students who used: > 5 Eqs an inequality a restriction a parabola a circle



How to get started.

Step 1. Read more about it here:

<http://blog.desmos.com/post/62158789621/des-man-a-desmos-labs-project>

Step 2. Create a class here: <https://class.desmos.com/desman>

Step 3. You will be given a class code. Give this code to your students.

Student Instructions


1) Go to: class.desmos.com

2) Type in your class code:

Step 4. When your class goes to class.desmos.com, they will get a simple screen asking for the class code:

Step 5. Students will be prompted to enter their name

Enter your name(s) to begin:



Class Code:

Step 6. They are then “trained” on how to input equations and how to restrict the domain and range.

DES-MATH by Scott McD

Let's get started!
Try graphing a straight line,
like

Step 7. When done, the select Done at the upper right. They should be able to see everyone's face. As mentioned earlier, the teacher can also see their faces.