How do we teach STEM faculty to use tactile learning activities in their classrooms?

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Who we are...

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Impetus for this presentation

- TACTivities
 - Tactile learning activities
- Methods used to engage students actively in mathematics
 - Both in-person/f2f and remotely/virtually (online)
- Not restricted to mathematics (any other subject area can use these too)

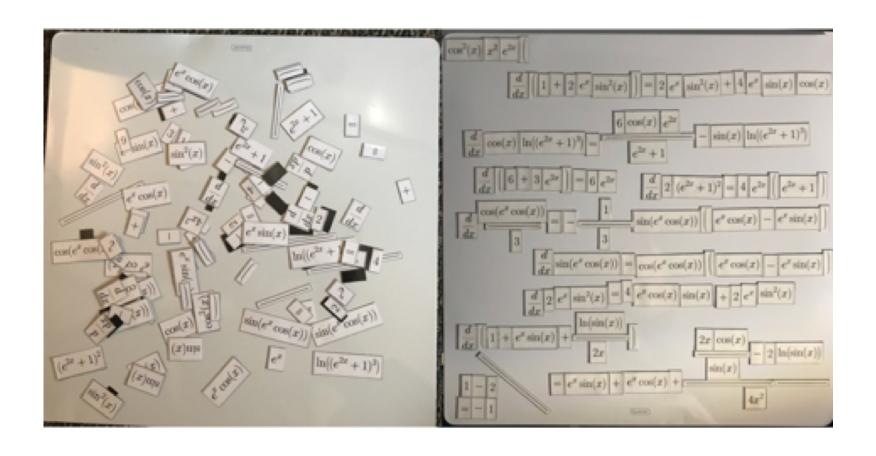
What is a TACTivity?

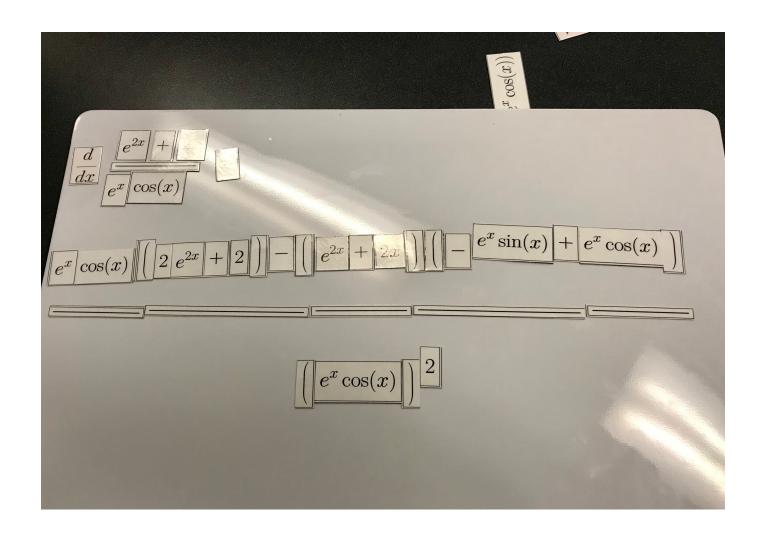
- A tactile activity that encourages collaboration and engagement.
- Tactile (movable pieces)
- Actively engages students
- Can be used to help teach or to review a concept
- Most are designed for groups of 2-4 students
- Often self-checking
- Very few (if any) directions needed

Example TACTivity

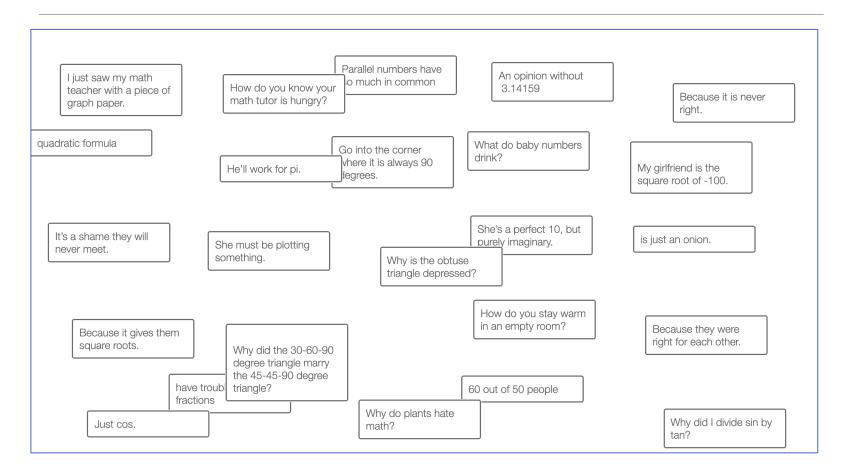
4	4	4	4 = 1	4	4	4	4 = 3
4	4	4	4 = 9	4	4	4	4 = 8
4	4	4	4 = 4	4	4	4	4 = 5
+ ()	N	X) ÷	4	4	4	4 = 2
3	- 1	1	- 4	4	4	4	4 = 7
) X	-/ + X	+	Cx+	4	4	4	4 = 6

Four fours

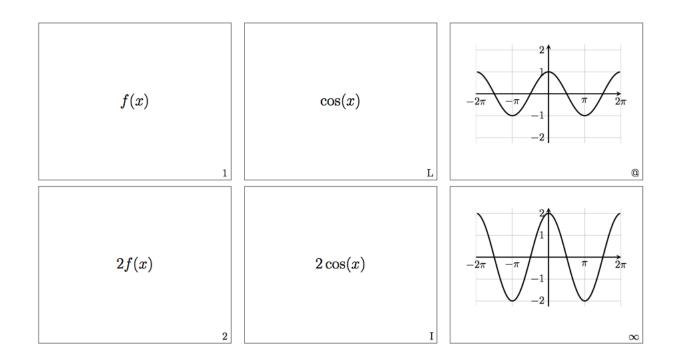




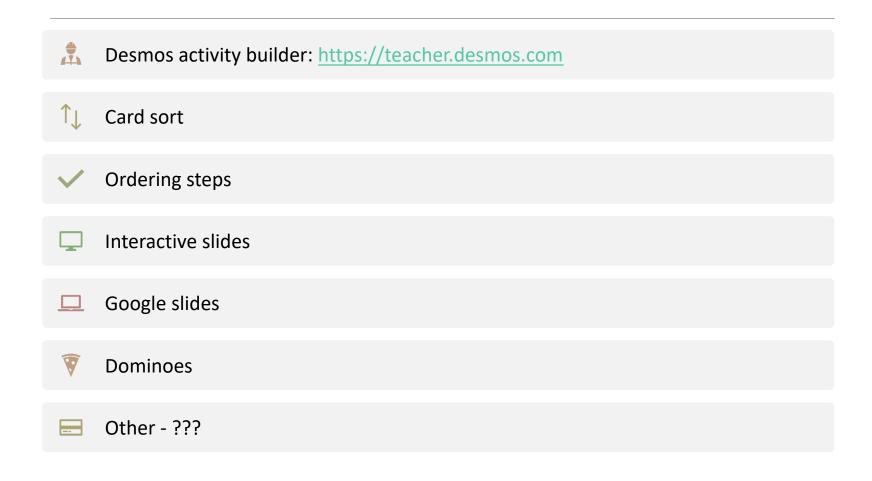
Math Joke Sort



Sorting TACTivities



Create a virtual TACTivity!



To provide us feedback:

What faculty might need to know to use TACTivities successfully in their classroom...

padlet.com/cindyyork/sj9af47fra5khk5q

