Get Your Students Talking

Introducing Debate to the Math Classroom
Session 559, 3:30 – 4:30 PM
Grand Hyatt San Antonio, Lonestar Ballroom D
NCTM Annual 2017, San Antonio

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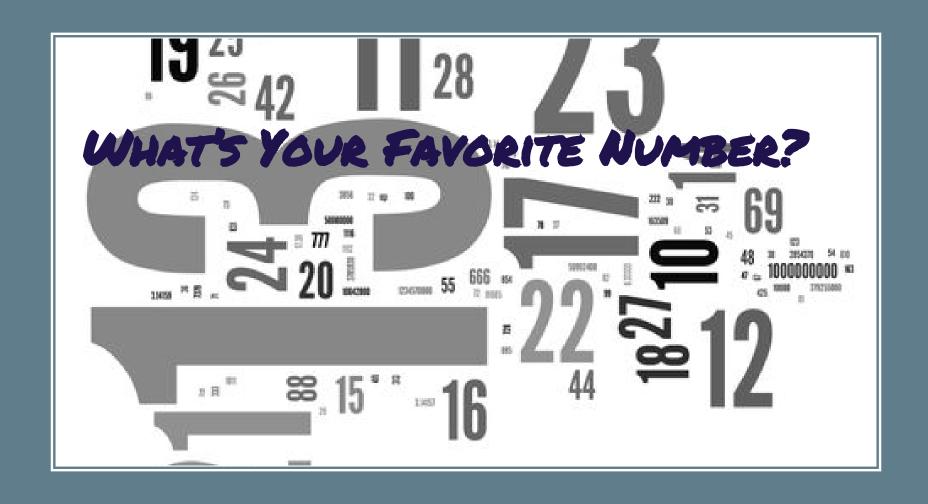


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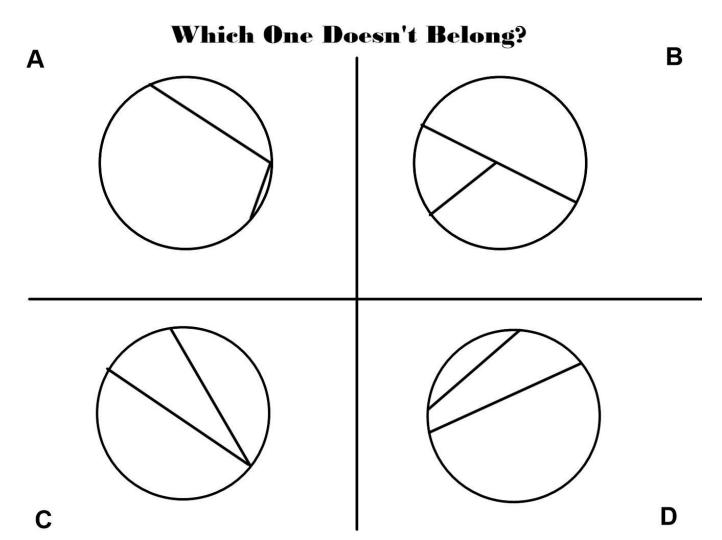


And more importantly, why debate in math class?

Students who are involved in discussions in which they justify solutions - especially in the face of disagreement - will gain better mathematical understanding as they work to convince their peers about differing points of view (Hatano and Inaki 1991).

-NCTM Principles and Standards for School Mathematics





Which One Doesn't Belong?





Debate Formats and Protocols

Round Robin Debate

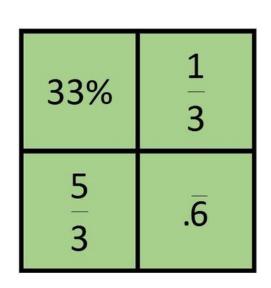
Debate Pools

Corners Debate

Informal Debate

Formal Debate

Snake Debate



Reflection and Assessment

RADIANS VS. DEGREES

Debate Topic:

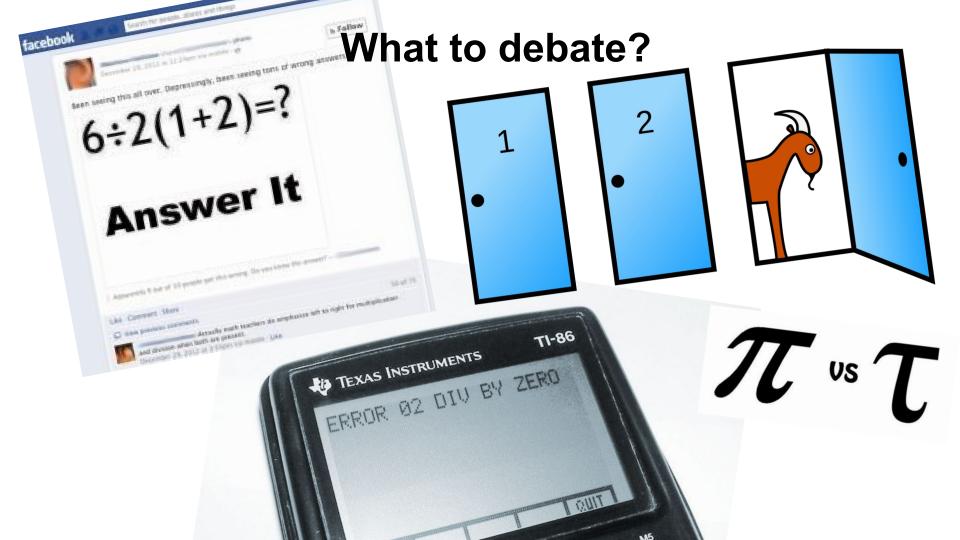
Team A Position: RADIANS ARE THE BEST WAY TO MEASURE ANGLES

ANS ARE TH	16 00
am A Position: RADIANS ARE TH	Points Possible (Circle One)
Team A Members: 5COTT, ANGLE	Points Possible (Circle One)
Category	2 3 5
Opening Statement	0 1 2 3 4 5
Key Arguments	2 3 4
	0 1 3 4 5
Rebuttals	0 1 2 3 4 5
Stay on Topic	0 1 2 3 4 (5)
Public Speaking Skills	0 1 2 3 7
Closing Statement	20
Total (Sum of Points)	_
Total (Sulli S	



What to debate?





Resources

This presentation: http://bit.ly/nctmdebate2017presentation

Inside Mathematics Problem of the Month Matching Cards

Scaffold considering both options Sentence Frames

Which One Doesn't Belong (www.wodb.ca) SVMI

Would You Rather? (www.wouldyourathermath.com)

Debates Scorecard http://bit.ly/MathDebateScorecard

Debate Topics Spreadsheet http://bit.ly/MathDebateTopics

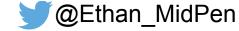
NCTM Principles and Standards for School Mathematics

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