Prepare an answer and an argument for these statements:

• Pick a position:

  Cats are better than dogs

  Dogs are better than cats

• The easiest way to calculate 27 + 8 is ________________.

Welcome!

Your host

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Argument as Debate

Argument: a statement made with sound reasoning. Every argument has two key parts:

• Claim – the controversial statement being made
• Warrant – the justification for the claim

ARGUMENT = CLAIM + WARRANT
Soapbox Debate

My CLAIM is____, & my WARRANT is____________.

The easiest way to calculate $27 + 8$ is…
Which one doesn’t belong?

My CLAIM is_______, & my WARRANT is_________.

Notes on using Soapbox Debate

- Keep it brief. Keep it simple. 3 to 5 responses, avoiding lag time. It really can be just one sentence- a warrant & a claim.
- Remind folks that it is OK to repeat a claim, but with the goal of having a different warrant. We can build on each others’ thinking this way!
- Teacher controls the timing- have 2-3 arguments for a question & move on, or dig in for a good, in-depth debate on one meaty question.
Always, Sometimes, Never

☐ The fraction with the larger numerator is the larger fraction

My CLAIM is_______, & my WARRANT is_________.

Extended Response is Claim & Warrant!

☐ This framework can be used to help students explain their thinking in written form.
Why Debate…in STEM?

• Meaningfully Engages Large Classes
• Danielson connections
• Improves Graduation Rates & College Readiness
• Common Core connections:
  CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others.
  • “students understand and use stated assumptions, definitions, and previously established results in constructing arguments…They justify their conclusions, communicate them to others, and respond to arguments of others.”
  • “students try to communicate precisely to others…they have learned to examine claims and make explicit use of definitions.”

~Chris Luzniak, Global Math Department presentation (2020)

#DebateMath

https://www.luzniak.com/debate-math.html
KCM Support for Educators

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