Making Math Count: Closing the Achievement Gap

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CCSS 4th Grade Math Problem

7	0	© Delete X
	1	A. Denominator less than 7
A student claims that all fractions greater than $\frac{3}{7}$ have a denominator less than 7.	2	
man 7 have a denominator less than 7.	3	
Show that the student's claim is only	4	
sometimes true.	5	
A. Drag one number into each box to	6	
create a fraction greater than $\frac{3}{7}$ with a	7	B. Denominator greater than 7
denominator less than 7.	8	9
B. Drag one number into each box to	9	
create a fraction greater than $\frac{3}{7}$ with a		
denominator greater than 7.		

Questions to Consider

- 1. How do you go about solving the task?
- 2. What are the supports needed for students?
- 3. What are the possible interventions and extensions that go with the task?

RESOURCES AND REMINDERS

SIOP STRATEGIES

- 1. Post Content and Language Learning Targets
- 2. Highlight important text: vocabulary, concepts or both
- 3. 10-2-2: Ten minutes of teacher talk/comprehensible input, two minutes of writing/processing, two minutes of partner share
- 4. Display visuals
- 5. Encourage sharing complete thoughts/sentences using Sentence Frames
- 6. Provide multiple opportunities to discuss math

THE ELPS SHORT LIST (English Language Proficiency Standards)

- 1. Construct meaning
- 2. Participate
- 3. Reasoning
- 4. Evaluate and Communicate
- 5. Analyze and critique the arguments of others
- 6. Respond to peers

MATH SENTENCE FRAMES

Beginning Level Describing:	
This is a]	It is/has
This is not a I	It is/has
Intermediate Level Describing:	
This is a b	because
This is not a be	ecause
Advanced Level Describing:	
This shape has, and	, and
This shape has, and	, and; therefore, it is a polygon
We are able to solve the problem by tells me helps me	
Another example might be	
This relationship can be used to determ	nine
This can also be applied to	
We can use when	
The strategy I used to find the solution	n is because
An increase/decrease in res	
We can check our answer by	
Another way to solve this problem is	
A better way to determine	is