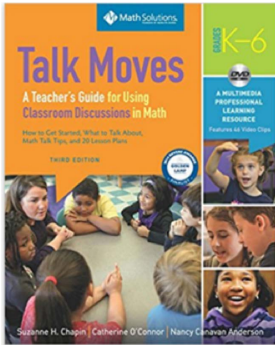


# Remote Talk Moves Strategies



The following strategies are from the Math Solutions publication ***Talk Moves: A Teacher's Guide for Using Classroom Discussions in Math*** by Suzanne Chapin, Catherine O'Connor, and Nancy Anderson.

Talk Moves are used by teachers to support them with engaging students in productive conversations to share their thinking. There are a total of 8 Talk Moves.



## Strategy #1: Open Up Our Questions

We can encourage students to talk by asking questions that have multiple strategies and answers. Let's look at a typical Grade 4 task:

**Compare  $\frac{5}{9}$  and  $\frac{1}{2}$**

What if we asked this instead:

**Use any of the digits 2, 3, 4, 5, 6, 7, 8, and 9 to create a fraction that could replace the question mark in the inequality below.**  
 **$? < \frac{1}{2}$**



## Strategy #2: Use break-out rooms and low-stakes accountability systems

Choose a tool that students can use to display their strategies and answers. For example, Google Slides, witeboard.com, or Jamboard

Directions:

1. In your break-out room, assign a group manager.
2. Share your questions, ideas, answers and strategies. Make sure each person speaks at least once before you discuss any ideas in detail.
3. Decide what you want to share as a group. Ask them to create a group display of their solutions/strategies using one of the digital tools.
4. Ask each group to choose a speaker who will present their work to the class.



### Strategy #3: Use talk moves – in the chat – to actively engage students.

As groups present their work, pose a question about their work and ask all students to respond in the chat.

Break-out room 3  
Speaker: MJ

$$\frac{3}{8} < \frac{1}{2}$$

We created the fraction  $\frac{3}{8}$ . We know that  $\frac{4}{8}$  equals  $\frac{1}{2}$ . So  $\frac{3}{8}$  must be less than  $\frac{1}{2}$ .

How do this group use  $\frac{4}{8}$  to help them find their solution? Write your answer in the chat. Type \* if I can call on you to share with everyone.

Who can add on? Is there another fraction with 8 as its denominator that would work? Write in the chat.

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### Strategy #4: Summarize key points and offer extensions

After groups presents, summarize key ideas and ask students to "try it out" or "extend."

**Summary:**  
If the numerator is half of the denominator, that fraction is equal to  $\frac{1}{2}$ .

$$\frac{3}{6} = \frac{4}{8} = \frac{2}{4} = \frac{1}{2}$$

If the numerator is less than half of the denominator, that fraction is less than  $\frac{1}{2}$ .

$$\frac{2}{6} < \frac{1}{2} \quad \frac{3}{8} < \frac{1}{2} \quad \frac{2}{9} < \frac{1}{2} \quad \frac{4}{9} < \frac{1}{2}$$

We can have a fraction that has a fraction in it.

$$\frac{4\frac{1}{2}}{9} = \frac{1}{2}$$

**Try It Out!**  
Create a new fraction that is less than  $\frac{1}{2}$ . Write your answer and explanation in the chat.  
Optional Extension: Use the digits 2, 3, 4, 5, 6, and 7 exactly one time each to create fractions that could replace the question marks in the inequality below.

$$? < ? < \frac{1}{2} < ?$$

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