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Fourth Grade

Launching Number Talks

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Teacher's Role

- Set the purpose for the number talk.
- Give wait time.
- Encourage students to solve multiple ways.
- Ask questions to help students communicate their thinking.
- Encourage students to be specific while sharing their strategies.
- Model correct mathematical notation.
- Record answers without judgement.

Questions Teacher May Ask:

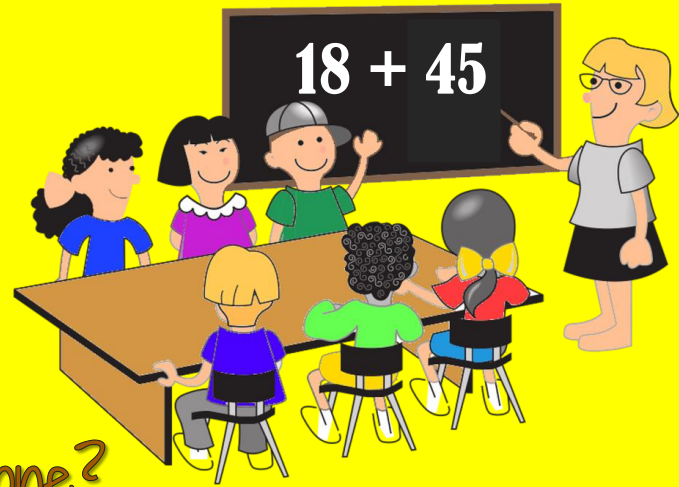
? Does anyone have an answer they would like to share?

? Who can convince us that your answer makes sense?

? Why did you chose that strategy?

? Can you tell us more?

? Can you connect your strategy to another one?



Student's Role

- Use mental math to solve problems.
- Explain how you solved a problem and why your answer makes sense.
- Practice communicating math ideas clearly.
- Be ready to answer questions and convince others that your strategy works.
- Listen respectfully to others.
- Ask questions about other strategies.

Sentence Starters for Students:



My solution is....



I saw it a different way....

I used this strategy



I noticed....

I think....



How does ___ work



Why did you decide to....



I can prove

Hand Symbols



I'm still thinking.



I have an answer and a strategy.



I have more than one strategy.



I agree.