

PREVIEW

MATH QUESTIONS

STICKY NOTES, FLASHCARDS, & MORE!



PREVIEW

STICKY NOTES PLUS AN EDITABLE VERSION!



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FLASHCARDS
PLUS AN EDITABLE VERSION!



Getting Started

1. How will I get started?
2. What information do I have? What do I need to find out?
3. What is the first step?
4. What operations will I use?
5. How will I solve this problem? (mentally, paper/pencil, calculator, etc.) Why?
6. What method will I use? Why?
7. What questions will I ask?
8. How will I record my work?
9. What do I think the answer will be?
10. Can I estimate or make a prediction?
11. What strategy will I use?
12. What tools will I need?
13. Reword the problem using words I understand.
14. What information is missing?
15. What information can be eliminated?
16. Which work will be most important? Why?

Checking In

1. Explain what I've done so far.
2. What are my next steps?
3. Why am I solving the problem this way?
4. What other method may have worked?
5. Is there a quicker way of doing this? If so, what is it?
6. What do I mean by...?
7. What did I notice when...?
8. Why am I organizing my results this way?
9. What is the pattern or rule I am seeing?
10. Would this method work with other numbers?
11. What other possibilities are there?
12. Explain what I have done so far.
13. Explain another strategy to answer this question.
14. Where could I find the information I need?
15. What does that word mean?
16. Is there a better way to solve this problem? Explain.
17. Could I use a table, diagram, picture, or other tool?
18. Is there anything I've overlooked?

I'm Stuck! (Problem Solver)

1. Describe the problem in my own words.
2. Explain what I've done so far.
3. What did I do last time? What is different this time?
4. What else do I know that might help?
5. Could I solve the problem by using simpler numbers? Fewer numbers? A number line? Or something else?
6. Consider using a table, picture, diagram, or graph.
7. Could I make a guess and see what works?
8. Compare my work with someone else's. What is different?
9. What could I try next?
10. What have I already done on this problem?
11. Break it down. What parts are there?
12. Is there a more efficient strategy?
13. What do I not know when...?
14. Have I thought of every possibility? How can I be sure?
15. What do I know that was not stated in the problem?
16. How have I answered similar problems in the past?
17. Explain what I know right now.

Let's Work Together

1. What strategy did we use?
2. Do we agree or disagree? Explain.
3. Would we ask the rest of the class the same question?
4. Share our method with the class.
5. What part do we understand? What part is still confusing?
6. Convince the rest of the class our problem makes sense.
7. What do others think about what we said?
8. Retell or restate another person's explanation.
9. Did we work together? In what way?
10. Would anyone like to add to what we said?
11. Have we discussed this in a group? With others?
12. Did we get different answers? Explain.
13. Where could we go for help?
14. Did everyone get a fair chance to talk, use manipulatives, and be recorded?
15. How can we help one another without telling the class?
16. How could I explain this to someone who missed today's class?
17. Use another way to explain the same answer a classmate got.
18. Convince a classmate our answer makes sense.

Making Connections

1. How does this problem relate to...?
2. What ideas have I used before that were useful in solving this problem?
3. Give an example of...
4. What examples of math did I read last night?
5. What is the same about this problem compared to another one I have answered before?
6. What is different about this problem compared to another one I have answered before?
7. Where else would this strategy be useful?
8. In what real-life situation would this be helpful?
9. How could this method work with other problems?
10. Give me an example of...

BRILL

I'm Done! (Reflection)

1. How did I get that answer?
2. Describe the method, pattern, or rule I used.
Explain why it works.
3. What can I try next?
4. Would it work with different numbers?
5. What if I had started with... instead of...?
6. What if I could only use...?
7. Is this a reasonable answer? How do I know?
8. How did I check my work?
9. What have I learned or figured out today?
10. If I did this problem again, what would I do differently?
11. When could I use this method or idea again?
12. What new words did I use? What do they mean?
13. What are the key points or ideas I need to remember for the next class?
14. Why is that true?
15. How did I reach that conclusion?
16. Make a model or diagram to show my answer.
17. Would this work for all problems? Explain.
18. Think of a different example.
19. Prove my answer.
20. How confident am I in my answer? Explain.
21. Do I have a pattern, strategy, or design for answering this problem? Explain it.
22. Explain the various kinds of math used in this problem.