

Math Strategies- ACT Aspire



Skimming

Students need to be able to skim for specific information quickly in lengthy word problems.

**Teach students to read the question first, and 2 minutes to find the answer or the section of the word problem that may have the answers. Do this daily.

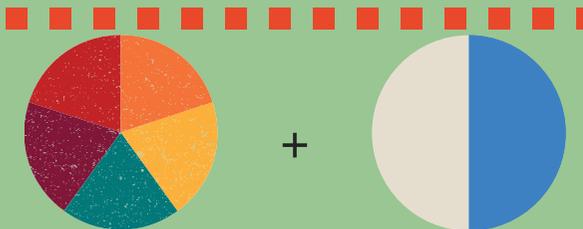
*Teach students to skim for words or numbers.



Word Problems

Students will need to be able to go to breakdown word problems into multiple parts for multiple questions. Some questions will address 1 section of the word problem, other questions use all parts of the word problem.

*Find or write lengthy word problems (sometimes 3 paragraphs long) where you can ask multiple questions on that one piece of text.



Models

Students need to be able to look at models (pictures) of a math problem without numbers.

*Have students draw models of math problems that you're already doing in class.

*Have students analyze each other's drawings and answer questions.

Constructed Response

Students will need to be able to type, in words, answers to questions.

*Answers do not have to be given in complete sentences.

*Students may have to analyze work done by another student. Are they correct? Why or why not?

*Students may have to explain how to compose a math equation and how they came to that conclusion.

*Students may have to look at a word problem and several samples of student work. Then, explain which students were right or wrong and why.



Resources

***PARCC**- This test is much like the PARCC math assessment. You still have access to the practice tests online. So, the students can go on there and practice common core questions in TestNav. They have the same technology.

***Engage New York**- Print exit tickets from each lesson. The questions are very similar to ACT Aspire.

***betterlesson.com**- Common Core lessons

***arkansased.gov**- The department of education has a lot of resources that can be used. Pay special attention to the livebinder.

Teach Common Core Math Standards

You will be tested over your Common Core Math Standards, so teach them well and cover all standards.