

Problem Solving Strategies For MCAS Math Open Response

1. UNDERSTAND <ul style="list-style-type: none">q Read problem 2 times.q Rephrase in your own words.q Circle verbs that tell you what to do.q Underline key words to use in your response	2. PLAN <ul style="list-style-type: none">q $+, -, *, /$q Look for a patternq Work backwardsq Guess & checkq Make a list, table, or graph
3. SOLVE & CHECK <ul style="list-style-type: none">q Show your work & your thinkingq Check if the strategy worksq Check to see if you answered the questionq Label the answerq Check your work	4. EXPLAIN <ul style="list-style-type: none">q Write an explanation of your thinkingq Be sure your explanation is easy to understandq Include key words from question and math vocabulary in your explanationq Restate problem in your answer.

Source: Ms. Leslie Negri, Peirce Elementary School, Newton, MA

Printed from:

<http://www.newtonmathtutors.com/myfiles/mcas-rubric.pdf>

For past years MCAS Open Response questions and sample student response, go to:

<http://www.mcasMathPrep.com>

