

# Writing Checklist



**Did I write the correct answer in a complete sentence?**

☺ Luis has 38 tokens.

☹ 38.

**Did I describe the strategy I used?**

☺ Since Luis needs more tokens, the number he has must be less than 50. So I subtracted to find the answer.

☹ I knew how to do it in my head.

**Did I use math terms in my writing?**

☺ I subtracted  $50 - 12$ .

☹ I did take away.

**Did I use a math sentence to help explain how I solved the problem?**

☺  $50 - 12 = 38$

☹ I got 38 when I did the math.

**Did I check that my answer makes sense?**

☺ My answer is less than 50 so it makes sense.

I checked the math by adding.  $38 + 12 = 50$

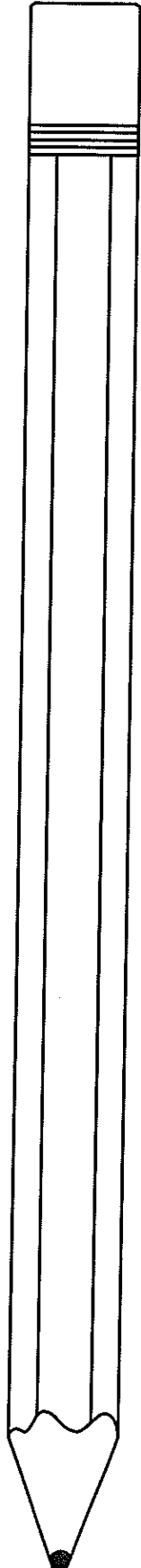
☹ I know I got it right.

**Did I read over what I wrote to find and fix any mistakes?**

☺ Luis <sup>has</sup> 38 tokens.

☹ Luis 38 tokens.

# Writing Checklist



## Did I write the correct answer in a complete sentence?

- ☺ The measure of each missing side is 28 cm.
- ☹ 28 cm.

## Did I describe the strategy I used?

- ☺ First I added the known side lengths.  $18 + 18 = 36$ . I subtracted that total from the perimeter.  $92 - 36 = 56$ . That told me the other two sides add up to 56 cm. I divided 56 cm by 2 to get the length of each side, 28 cm.  $56 \div 2 = 28$ .
- ☹ I added and subtracted and then did the rest in my head.

## Did I use math terms in my writing?

- ☺ I subtracted that total from the perimeter.  $92 - 36 = 56$ .
- ☹ I did take away from the first number I had, 92.

## Did I use a math sentence to help explain how I solved the problem?

- ☺  $92 - 36 = 56$ .
- ☹ I got 56 when I did the math.

## Did I check that my answer makes sense?

- ☺ I added all four sides to make sure they equaled the perimeter. Since  $18 + 18 + 28 + 28 = 92$ , my answer makes sense.
- ☹ I'm good at math so I know I got it right.

## Did I read over what I wrote to find and fix any mistakes?

- ☺ The measure of each missing <sup>side</sup>  $\wedge$  is <sup>cm</sup>  $28\wedge$ .
- ☹ The measure of each missing is 28.

# Rubric

|   |  |
|---|--|
| 3 | <ul style="list-style-type: none"><li>• I wrote the correct answer in a complete sentence.</li><li>• I described the strategy I used and why.</li><li>• I wrote a number sentence that makes sense and has the correct answer.</li><li>• I checked that my answer makes sense.</li></ul>   |
| 2 | <ul style="list-style-type: none"><li>• I wrote the correct answer, but it was not a complete sentence.</li><li>• I tried to describe the strategy I used and why it makes sense.</li><li>• I wrote a number sentence that makes sense and has the correct answer.</li><li>• I checked that my answer makes sense.</li></ul>   |
| 1 | <ul style="list-style-type: none"><li>• I did not write the correct answer in a complete sentence.</li><li>• I described a strategy that does not make sense.</li><li>• I wrote a number sentence that does not make sense, although it may have the correct answer.</li><li>• I did not check that my answer makes sense.<br/>Or, when I checked, I got a different answer.</li></ul> |
| 0 | <ul style="list-style-type: none"><li>• I did not write a sentence that tells my answer.</li><li>• I did not try to explain my strategy.</li><li>• I wrote a number sentence that does not make sense and has the wrong answer.</li><li>• I did not check my answer.</li></ul>   |

# Rubric

|   |  |
|---|--|
| <p style="text-align: center; font-size: 2em; font-weight: bold;">3</p> | <ul style="list-style-type: none"> <li>• The solution is stated clearly in the opening sentence.</li> <li>• A clear and thorough explanation includes the solution steps and the strategies used.</li> <li>• A “check” or justification for the reasonableness of the answer is included.</li> <li>• Appropriate math terminology is used whenever possible.</li> <li>• The written explanation is accompanied by equations, stepped-out solutions, and diagrams or pictures.</li> </ul> |
| <p style="text-align: center; font-size: 2em; font-weight: bold;">2</p> | <ul style="list-style-type: none"> <li>• The solution is stated in the opening sentence.</li> <li>• A clear but partial explanation includes the solution steps and the strategies used.</li> <li>• A “check” or justification for the reasonableness of the answer is included.</li> <li>• Appropriate math terminology is used.</li> <li>• The written explanation is accompanied by equations, stepped-out solutions, and diagrams or pictures.</li> </ul>                            |
| <p style="text-align: center; font-size: 2em; font-weight: bold;">1</p> | <ul style="list-style-type: none"> <li>• The solution is stated in the opening sentence.</li> <li>• The solution steps and strategies used are unclear.</li> <li>• A “check” or justification for the reasonableness of the answer is included, but may be incorrect.</li> <li>• Little appropriate math terminology is used.</li> <li>• The written explanation may not be accompanied by equations, stepped-out solutions, diagrams or pictures.</li> </ul>                            |
| <p style="text-align: center; font-size: 2em; font-weight: bold;">0</p> | <ul style="list-style-type: none"> <li>• The solution is not stated in the opening sentence.</li> <li>• No solution steps or strategies are stated.</li> <li>• No “check” or justification of answer is included.</li> <li>• No appropriate math terminology is used.</li> <li>• The written explanation is not accompanied by equations, stepped-out solutions, diagrams or pictures.</li> </ul>  |

## Math Rubric

**4**

- A. The solution is correct.
- B. The question is answered in a complete, clear, topic sentence.
- C. Math terminology is used appropriately and whenever possible.
- D. The solution pathway is clearly described using an organized step-by-step approach.
- E. The solution is justified using an appropriate "check" or logical reasoning.

**3**

- A. The solution is correct.
- B. The question is not answered completely, but is in a topic sentence.
- C. Math terminology is used appropriately.
- D. The solution pathway is described using an organized step-by-step approach.
- E. The solution is justified using a "check" or logical reasoning.

**2**

- A. The solution is correct.
- B. The question is not answered, is answered incompletely, or is not answered in a topic sentence.
- C. Few math terms are used appropriately.
- D. The solution pathway is explained, but it is disorganized or unclear.
- E. The solution is not checked.

**1**

- A. The solution is incorrect.
- B. The question is not answered.
- C. Few, if any, math terms are used appropriately.
- D. The solution pathway is explained, but it is disorganized or unclear.
- E. The solution is not checked.

**0**

- A. The solution is incorrect.
- B. The question is not answered.
- C. No math terms are used.
- D. No solution pathway is explained.
- E. The solution is not checked.

# Writing in Math Checklist!

Did I solve the problem step by step?

Did I **WRITE OUT** my math work to help me remember the process I used to solve the problem?

Did I reread the problem and resolve it.

Did I write all the steps taken to solve the problem?

Did I include the following information:

- The question written as a statement?
- The strategy I used to find the solution?
- Transitional words?
- Numerals and symbols written in words?
- Mathematical vocabulary?
- The labeled answer to the problem?

Did I reread and resolve to make sure I have solved the problem as I have explained.

Did I revise my paragraph?

Did I proofread my work for punctuation, spelling, capitalization, or grammar concerns?

Is my work neatly and clearly written in cursive?

Am I proud of my final product?

Can I confidently check off these items, then you must have a well-written response.

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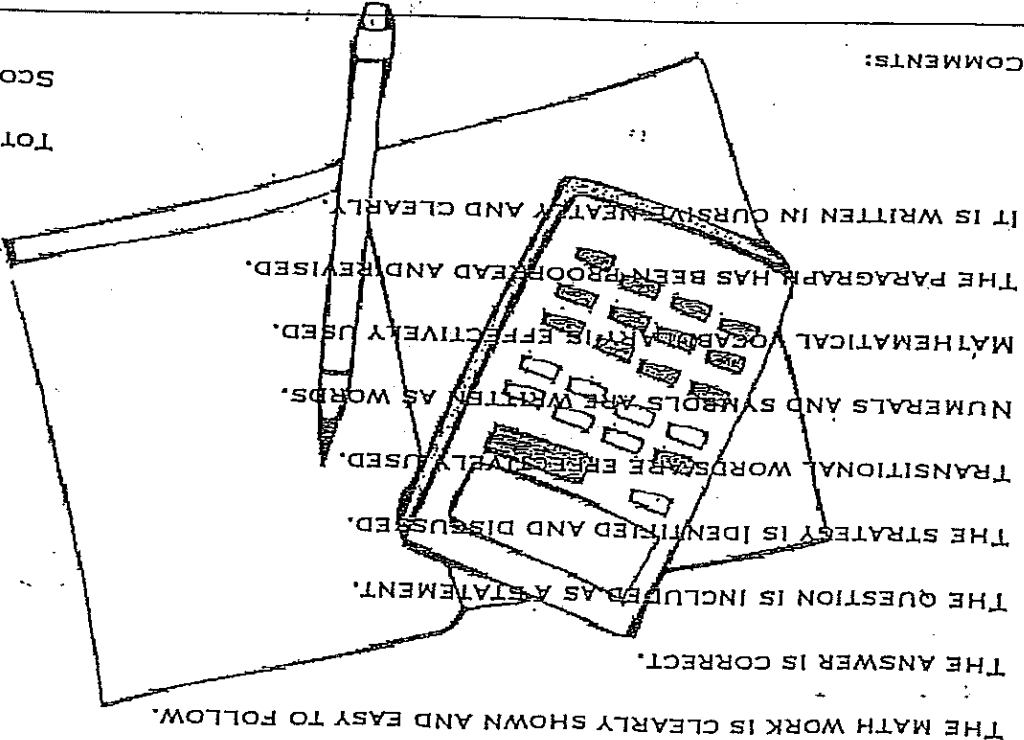


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COMMENTS:



## WRITING IN MATH RUBRIC

SCORE: \_\_\_\_\_

TOTAL = \_\_\_\_\_

5PTS. \_\_\_\_\_

10PTS. \_\_\_\_\_

5PTS. \_\_\_\_\_

5PTS. \_\_\_\_\_

5PTS. \_\_\_\_\_

10PTS. \_\_\_\_\_

5PTS. \_\_\_\_\_

10PTS. \_\_\_\_\_

10PTS. \_\_\_\_\_