

Question and Answer Document, Grade 4 Mathematics - 2004

*For help with questions not addressed below, call the Helpline (877) 516-2403, which is available weekdays May 11-21 from 8:00 a.m. - 5:00 p.m. Schools that have difficulty accessing the 877 area code should fax questions to the Helpline fax number, (919) 425-7733.

Q: Item 31, Practice Set # 3 – If the measurements are written on the printed rectangle, rather than drawing a new rectangle, would this still be acceptable for a score of 2?

A: Yes.

Q: 32e – Did the fact that right angles are drawn on the angles of the triangle affect the score?

A: No. We did not ask for angles to be drawn, so this is irrelevant. The score point reflects that the triangle was not traced as instructed.

Q: 33f – If the distance is written first, followed by the number of the ball, is this acceptable?

A: This is acceptable, as long as the ball number is written. The order is not important.

Q: In Item 34, will an equation or formula do for Part A?

A: No. The directions say, “show all possible combinations.”

Q: 34e – In Part B, if the answer space is blank, would the work shown be enough to warrant a score of 2?

A: No. No numerical answer is found in the required work.

Q: 39c – Doesn’t the drawing show the start of a correct process, especially since two of the cans are separated from the other four cans?

A: Based on the work shown, there is not enough evidence to say that there is an understanding of a correct process, especially since the answer is incorrect. Drawings must be labeled or some other indication given (such as the use of arrows or circles) to demonstrate some understanding of a process. Just drawing balls in cans is an insufficient first step.

Q: In Item 44, can we accept .5 or 50% as probability?

A: Yes.

Q: 46f –Is the use of equations acceptable?

A: For 4th grade, equations are accepted when expressions are asked for as long as the equations are correct.

Q: In Item 47, are logic boxes acceptable for Part B?

A: Yes, if correct and in the proper space for Part B.

Q: In Item 48, why are we accepting bars touching in bar graphs?

A: We must remain consistent with how the field test was scored.

Information related to the Grade 4 mathematics test is available on the Office of State Assessment website at <http://www.emsc.nysed.gov/osa/>.

Updates on New York State's mathematics education are posted on the Office of Curriculum and Instruction's mathematics web site at <http://www.emsc.nysed.gov/ciai/mst/math.html>.

Teachers can comment on this year's Grade 4 mathematics test by completing an evaluation form found at <http://www.ctb.com>. Click on the northern region of the U.S. map (blue section). Select New York. Locate and click on the link for the New York State Teacher Evaluation Form. Follow the directions on completing and submitting the form.

For additional information on the New York State Grade 4 and Grade 8 Assessment Programs, please contact Janice Mwapaga, Associate in Mathematics Education, Office of State Assessment, 760EBA, State Education Department, Albany, NY 12234; (518) 474-5900 or email jmwapaga@mail.nysed.gov