

Math Section 4 Rubric

Advanced Understanding 4	Meets the Standard 3	Approaching 2	Does Not Meet 1
<ul style="list-style-type: none"> The student uses developmentally appropriate mathematical concepts and skills <i>to solve unusual or extended response problems</i> with limited errors. <p style="text-align: center;"><i>and ...</i></p> <ul style="list-style-type: none"> Student explanations and reasoning are complete, logical and detailed. 	<ul style="list-style-type: none"> The student uses appropriate mathematical concepts and skills <i>to solve familiar problems</i> with limited errors. <p style="text-align: center;"><i>and ...</i></p> <ul style="list-style-type: none"> Student explanations and reasoning are complete and logical but lack details. 	<ul style="list-style-type: none"> The student <i>appears to understand</i> some appropriate mathematical concepts and skills but is <i>inconsistent in finding solutions</i>. <p style="text-align: center;"><i>and ...</i></p> <ul style="list-style-type: none"> Student explanations and reasoning are incomplete or lack logical flow. 	<ul style="list-style-type: none"> The student <i>appears to not understand</i> appropriate mathematical concepts and skills and is <i>unsuccessful in finding solutions</i>. <p style="text-align: center;"><i>and ...</i></p> <ul style="list-style-type: none"> Student explanations are absent or do not match process/solution.

Math Standards Expectations

Students can...

Counting and Cardinality:

- orally count by ones from 1 to at least 50.
- count by 1s to at least 50 starting from numbers other than 1.
- compare numerals between 1 and 10.

Operations and Algebraic Thinking:

- decompose numbers into pairs in more than one way concretely using objects, fingers, or drawings.

Measurement and Data:

- describe the length of objects.
- directly compare objects by length.

Standards and Goals for Mathematical Practice

SMP 1- Make sense of problems and persevere in solving them.

- GMP1.4 Check whether your answer makes sense.
- GMP1.5 Solve problems in more than one way.
- GMP1.6 Compare the strategies you and others use.

SMP5- Use appropriate tools strategically.

- GMP5.1 Choose appropriate tools.
- GMP5.2 Use tools effectively and make sense of your results.

