

Math Section 7 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:

- count as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; and count out sets of between 1 and 20.
- identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group.

Operations and Algebraic Thinking:

- solve addition and subtraction word problems, and add and subtract within 10.
- decompose numbers 10 or lower into pairs in more than one way and record each decomposition with a drawing or equation.

Geometry:

- identify shapes as two-or three- dimensional.
- compose simple shapes to form larger shapes.

Standards and Goals for Mathematical Practice

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

- GMP1.1 Make sense of your problem.
- GMP1.2 Reflect on your thinking as you solve your problem.
- GMP1.4 Check whether your answer makes sense.

SMP6- Attend to precision.

- GMP6.2 Use an appropriate level of precision for your problem.
- GMP6.4 Think about accuracy and efficiency when you count, measure and calculate.



fun