

GRADES 7 AND 8 “STUDENT-FRIENDLY” MATHEMATICS SCORING RUBRIC

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<p>Score Level (How many points do you earn?)</p>	<p>MATHEMATICAL KNOWLEDGE: (Do you know it?)</p>	<p>STRATEGIC KNOWLEDGE: (How do you plan?)</p>	<p>EXPLANATION: (Can you explain it?)</p>
<p align="center">4</p>	<ul style="list-style-type: none"> ◆ I get the right answer, and I label it correctly. ◆ I use math terms correctly to show I understand how math works. ◆ I compute with no errors. 	<ul style="list-style-type: none"> ◆ I find all the important parts of the problem, and I know how they go together. ◆ I show all the steps I use to solve the problem. ◆ I explain any work I do in my head or with a calculator. ◆ I completely show pictures, diagrams, models or computation if I use them in my plan. 	<ul style="list-style-type: none"> ◆ I write <u>what</u> I did and <u>why</u> I did it. ◆ If I use a drawing, I can explain all of it in writing.
<p align="center">3</p>	<ul style="list-style-type: none"> ◆ I use most math terms correctly. ◆ I make minor errors in computation. 	<ul style="list-style-type: none"> ◆ I find most of the important parts of the problem. ◆ I show a reasonable plan and most of the steps I use to solve the problem. 	<ul style="list-style-type: none"> ◆ I write mostly about <u>what</u> I did. ◆ I write a little about <u>why</u> I did it. ◆ If I use a drawing, I can explain most of it in writing.
<p align="center">2</p>	<ul style="list-style-type: none"> ◆ I know how to do parts of the problem, but I make major errors in computation and get a wrong answer. ◆ I give a wrong answer or only part of the answer. 	<ul style="list-style-type: none"> ◆ I find some of the important parts of the problem. ◆ I show some of the steps, but my plan is not clear. 	<ul style="list-style-type: none"> ◆ I write some about <u>what</u> I did or <u>why</u> I did it but not both. ◆ If I use a drawing, I can explain some of it in writing.
<p align="center">1</p>	<ul style="list-style-type: none"> ◆ I try to do the problem, but I don't understand it. 	<ul style="list-style-type: none"> ◆ I find almost no important parts of the problem. ◆ I show a plan that is not reasonable. ◆ I show almost none of the steps I use to solve the problem. ◆ I may include unnecessary information. 	<ul style="list-style-type: none"> ◆ I write or draw something that doesn't go with my answer. ◆ I write an answer that is not clear.
<p align="center">0</p>	<ul style="list-style-type: none"> ◆ I don't try to answer the problem. 	<ul style="list-style-type: none"> ◆ I don't show a plan. 	<ul style="list-style-type: none"> ◆ I don't explain anything in writing.