

Acuity Assessment Indicators 2010 - 2011  
**Grade 8 Mathematics**  
**3<sup>rd</sup> Quarter and 4<sup>th</sup> Quarter**

<i>3<sup>rd</sup> District Quarterly Assessment</i> <i>March 9 – March 30, 2011</i>	<i>4<sup>th</sup> District Quarterly Assessment</i> <i>May 4 – May 25, 2011</i>
8.1.1 – Solve problems: Decimals in scientific not. (1) 8.1.2 – Rational/Irrational #s as decimals (1) 8.1.4 – Evaluate negative integer exponents. (2) 8.1.5 – Use laws of exponents for integer exponents. (1) 8.1.6 – Inverse relationship: squaring and square rt. (1) 8.1.7 – Find approximations of square roots. (1) 8.2.1 – Four operations on rational numbers (3) 8.3.1 – Write/solve linear eq. and inequalities. (2) 8.3.4 – Order of operations on algebraic expressions (2) 8.3.5 – Graph linear functions; pos/neg slopes (2) 8.3.6 – Slopes and equations of lines (4) 8.3.8 – Use relationships: tables, eq. exp., and graphs (2) 8.4.1 – Properties of geometric shapes (3) 8.4.5 – Use Pythagorean Theorem and its inverse. (3) 8.5.2 – Solve prob: rates and derived measurements (3) 8.5.3 – Solve prob: scale factors, area, volume (1) 8.7.1 – Identify relevant/irrelevant information (2) 8.7.10 – Calculate and check validity. (1) 8.7.11 – Check reasonableness of a solution. (1) 8.7.2 – Justify mathematical conjectures. (1) 8.7.5 – Use inductive reasoning to test conjectures. (1)	8.1.2 – Rational/Irrational numbers as decimals (1) 8.1.4 – Evaluate negative integer exponents. (1) 8.1.5 – Use laws of exponents for integer exponents. (1) 8.1.6 – Inverse relationship: squaring and square rts. (1) 8.3.4 – Order of operations on algebraic expressions (1) 8.5.2 – Solve problems: rates/derived measurements (1) 8.6.1 – Evaluate reasonableness of claims. (4) 8.6.2 – Strengths/weaknesses of sampling techniques (4) 8.6.3 – Interpret data: lower/upper quartiles, etc. (4) 8.6.4 – Analyze/display single/two-variable data (3) 8.6.5 – Use and interpret scatterplots. (3) 8.6.6 – Recognize equally likely events. (4) 8.6.7 – Use Basic Counting Principle. (3) 8.7.10 – Calculate and check validity. (1) 8.7.11 – Check reasonableness of a solution. (1) 8.7.2 – Justify mathematical conjectures. (1) 8.7.5 – Use inductive reasoning to test conjectures. (1)
<b>TOTAL – 35 QUESTIONS</b>	<b>TOTAL – 35 QUESTIONS</b>