

For every 5 skills mastered you earn one (1) point extra credit in HW category of your grade

## 8<sup>th</sup> Grade Mathematics ~ Practice each skill to attain 80%

First & Last Name \_\_\_\_\_

- START TODAY**

- Pace yourself **complete (2)** assignments per day, five days per week. Take a break on the weekends.

MANDATORY	MIXED REVIEW
<p><b>O. Two-Dimensional Figures</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>O.11</b> Exterior Angle Theorem</li> <li><input type="checkbox"/> <b>O.13</b> Identify complementary, supplementary, vertical, adjacent, and congruent angles</li> <li><input type="checkbox"/> <b>O.15</b> Identify alternate interior and alternate exterior angle</li> <li><input type="checkbox"/> <b>O.16</b> Transversals of parallel lines: name angle pairs</li> <li><input type="checkbox"/> <b>O.17</b> Transversals of parallel lines: find angle measures</li> </ul> <p><b>P. Transformations and Congruence</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>P.6</b> Translations: graph the image</li> <li><input type="checkbox"/> <b>P.7</b> Translations: find the coordinates</li> <li><input type="checkbox"/> <b>P.8</b> Reflections over the x- and y-axes: graph the image</li> <li><input type="checkbox"/> <b>P.9</b> Reflections over the x- and y-axes: find the coordinates</li> <li><input type="checkbox"/> <b>P. 11</b> Reflections: find the coordinates</li> <li><input type="checkbox"/> <b>P. 12</b> Rotations: graph the image</li> <li><input type="checkbox"/> <b>P. 13</b> Rotations: find the coordinates</li> </ul> <p><b>Q. Transformations and Similarity</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Q.2</b> Dilations: graph the image</li> <li><input type="checkbox"/> <b>Q.3</b> Dilations: find the coordinates</li> <li><input type="checkbox"/> <b>Q.4</b> Dilations: scale factor and classification</li> </ul> <p><b>S. Three-dimensional figures</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>S.2</b> Nets of three-dimensional figures</li> <li><input type="checkbox"/> <b>S.3</b> Front, side, and top view</li> </ul> <p><b>T. Geometric Measurement</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>T.8</b> Volume of cubes, prisms, and pyramids</li> <li><input type="checkbox"/> <b>T.9</b> Surface area of cubes, prisms, and pyramids</li> <li><input type="checkbox"/> <b>T.10</b> Volume of cylinders</li> <li><input type="checkbox"/> <b>T.11</b> Volume of cones</li> <li><input type="checkbox"/> <b>T.14</b> Volume of spheres</li> <li><input type="checkbox"/> <b>T.16</b> Volume and surface area of similar solids</li> </ul>	<p><b>V. Expressions and Properties</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>V.14</b> Write equivalent expressions using properties</li> </ul> <p><b>W. One-variable Equations</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>W.13</b> Solve equations: complete the solution</li> <li><input type="checkbox"/> <b>W.16</b> Create equations with no solutions or infinitely many solutions</li> </ul> <p><b>Y. Linear Equations</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Y.3</b> Find a missing coordinate using slope</li> <li><input type="checkbox"/> <b>Y.9</b> Write a linear equation from a slope and a point</li> <li><input type="checkbox"/> <b>Y.11</b> Convert a linear equation in standard form to slope-intercept form</li> </ul> <p><b>Z. Functions</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Z.1</b> Identify Functions</li> <li><input type="checkbox"/> <b>Z.13</b> Compare linear functions: tables, graphs and equations</li> <li><input type="checkbox"/> <b>Z.14</b> Write linear functions: word problems</li> <li><input type="checkbox"/> <b>Z.16</b> Identify linear and nonlinear functions: graphs and equations</li> </ul> <p><b>AA. Systems of linear equations</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>AA.5</b> Find the number of solutions to a system of equations</li> <li><input type="checkbox"/> <b>AA.9</b> Solve a system of equations using substitution: word problems</li> <li><input type="checkbox"/> <b>AA.11</b> Solve a system of equations using elimination: word problems</li> </ul> <p><b>CC. Data and graphs</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>CC.15</b> Identify trends with scatter plots</li> <li><input type="checkbox"/> <b>CC.16</b> Make predictions with scatter plots</li> </ul> <p><b>DD. Statistics</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>DD.7</b> Identify an outlier and describe the effect of removing it</li> <li><input type="checkbox"/> <b>DD.8</b> Outliers in scatter plots</li> <li><input type="checkbox"/> <b>DD.9</b> Scatter plots: line of best fit</li> </ul>

