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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Math Extra Credit

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| **Across**  **2.** The ratio of one length to the other from the pre-image to the image.  **4.** An image or shape as it would be seen in a mirror. It is an opposite.  **10.** The relationship of two quantities that are measured in the same units.  **11.** The relationship of two quantities that are measured in different units.  **12.** Any line that intersects two or more lines.  **13.** A transformation that changes the size of a figure by a scale factor.  **14.** Having the same measure.  **15.** Changing a shape using a turn, flip, slide, or resize.  **16.** Angles that add up to 90 degrees. | **Down**  **1.** The original figure/ coordinates.  **3.** Using the units for each variable in a real life problem to determine the units for the answer.  **5.** An image or shape after the given transformation has been performed.  **6.** Angles that add up to 180 degrees.  **7.** A transformation that slides a shape to another location.  **8.** A transformation that turns each point in the figure in a circular motion around a fixed point.  **9.** Lines that never intersect and have the same slope. |