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

Math Extra Credit

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 1P |  |  |  |  |  |  |
|  |  |  | 2S |  C |  A |  L |  E |  F |  A |  C |  T |  O |  R |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |
|  | 3U |  |  |  |  | 4R |  E |  F |  L |  E |  C |  T |  I |  O |  N |  |  |  |  |
|  |  N |  |  |  |  |  |  |  |  |  |  |  |  M |  |  |  |  |  |  |
|  |  I |  |  |  |  |  |  |  |  |  | 5I |  |  A |  | 6S |  |  |  | 7T |
|  |  T |  |  |  |  |  | 8R |  |  |  |  M |  |  G |  |  U |  | 9P |  |  R |
|  |  A |  | 10R |  A |  T |  I |  O |  |  | 11R |  A |  T |  E |  |  P |  |  A |  |  A |
|  |  N |  |  |  |  |  |  T |  |  |  |  G |  |  |  |  P |  |  R |  |  N |
|  |  A |  |  |  | 12T |  R |  A |  N |  S |  V |  E |  R |  S |  A |  L |  |  A |  |  S |
|  |  L |  |  |  |  |  |  T |  |  |  |  |  |  |  |  E |  |  L |  |  L |
|  |  Y |  |  |  |  | 13D |  I |  L |  A |  T |  I |  O |  N |  |  M |  |  L |  |  A |
|  |  S |  |  |  |  |  |  O |  |  |  |  |  |  |  |  E |  |  E |  |  T |
|  |  I |  |  |  | 14C |  O |  N |  G |  R |  U |  E |  N |  T |  |  N |  |  L |  |  I |
|  |  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  T |  |  L |  |  O |
|  |  |  |  |  |  | 15T |  R |  A |  N |  S |  F |  O |  R |  M |  A |  T |  I |  O |  N |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  N |  |  |
|  |  |  | 16C |  O |  M |  P |  L |  I |  M |  E |  N |  T |  A |  R |  Y |  |  E |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  S |  |  |

|  |  |
| --- | --- |
| **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. |