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

trigonometry

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|  |  |  |  |  |  |  | Y |  |  | 4  A | N | G | L | E |  | I |  |  |  |
|  |  |  |  |  |  |  | P |  | 5  C |  | G |  |  |  |  | G |  |  |  |
|  |  |  | 6  T | R | I | G | O | N | O | M | E | T | 7  R | Y |  | H |  |  |  |
|  |  |  |  |  |  |  | T |  | S |  |  |  | A |  |  | T |  | 8  U |  |
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|  |  |  |  |  | 11  T |  | U |  | E |  |  |  | A |  |  | G |  | T |  |
|  |  |  |  |  | A |  | S |  |  |  |  |  | N |  |  | L |  | C |  |
|  | 12  C | O | T | A | N | G | E | N | T |  |  |  |  |  |  | E |  | I |  |
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|  |  |  |  | 13  P | E | R | I | O | D |  |  |  |  |  |  |  |  | C |  |
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| **Across**  **4.** the space between intersecting lines  **6.** the branch of math that deals with the relations between the sides and angles of triangles and the calculations ased on them  **9.** y/r  **10.** the set of all inputs of a function  **12.** ratio of the adjacent to the opposite side of a right triange  **13.** the repeating interval of a periodic function  **14.** inverse function of the sine | **Down**  **1.** the set of all possible outputs of a function  **2.** longest side of a triangle  **3.** 90 degrees  **5.** x/r  **7.** 1 of these is at the negative x-axis  **8.** the circle whose center is at the origin and radius is one  **11.** y/x |