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

geometry crossword

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | 1  D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | I |  |  |  |  | 2  S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | L |  | 3  O | B | T | U | S | E |  |  |  | 4  E |  |  |  |
|  |  |  |  |  | A |  |  |  |  | P |  |  |  | 5  S |  | Q |  |  |  |
| 6  C |  |  |  |  | T |  | 7  P | E | R | P | E | N | D | I | C | U | L | A | 8  R |
| O |  |  |  |  | I |  |  |  |  | L |  |  |  | N |  | I |  |  | I |
| M |  |  |  | 9  C | O | N | G | R | U | E | N | T |  | E |  | L |  |  | G |
| P |  |  |  |  | N |  |  |  |  | M |  |  |  |  |  | A |  |  | H |
| L |  |  |  |  |  | 10  T | A | N | G | E | N | T |  |  |  | T |  |  | T |
| E |  |  |  |  |  |  |  |  |  | N |  |  |  |  |  | E |  |  |  |
| M |  |  |  |  |  | 11  R | O | T | A | T | I | O | N |  |  | 12  R | A | Y |  |
| E |  |  | 13  B |  | 14  A |  |  |  |  | A |  |  |  |  |  | A |  |  |  |
| N |  | 15  C | I | R | C | U | 16  M | F | E | R | E | N | C | E |  | L |  |  |  |
| T |  |  | S |  | U |  | I |  |  | Y |  |  |  |  |  |  |  |  |  |
| A |  |  | E |  | T |  | D |  |  |  | 17  P | A | R | A | L | L | E | L |  |
| R |  |  | C |  | E |  | P |  |  |  |  |  |  |  |  |  |  |  |  |
| Y |  |  | T |  |  | 18  C | O | S | I | N | E |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 19  P | O | L | Y | G | O | N |  | 20  S | I | M | I | L | A | R |  |  |  |  |
|  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **3.** an angle more than 90 degrees but less than 180  **7.** a line that meets another line at a right angle  **9.** identical in form  **10.** opposite side divided by adjacent side  **11.** a transformation that turns a figure about a fixed point  **12.** a line with a single endpoint that extends infinitely in one direction  **15.** the distance around a circle  **17.** lines in a plane that never intersect or touch each other  **18.** adjacent side divided by hypotenuse  **19.** a figure with at least three straight sides and angles  **20.** corresponding sides proportional, angles congruent | **Down**  **1.** a transformation that produces an image the same shape as the original, but a different size  **2.** angles that add up to equal 180 degrees  **4.** a triangle where all sides and angles are equal  **5.** opposite side divided by hypotenuse  **6.** angles that add up to equal 90 degrees  **8.** a 90 degree angle  **13.**  to cut into two equal parts  **14.** an angle less than 90 degrees but more than 0  **16.** a point on the line that divides the line into two equal segments |