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

Math Crossword Puzzle

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 1  H |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  E |  |  |  |  |  |
|  |  |  | Y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Q |  |  |  |  |  |
|  |  |  | 3  P | E | R | F | E | C | T | S | Q | U | A | R | E |  |  |  |  |  |  |  |  | U |  | 4  R |  |  |  |
|  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  | I |  | 5  H |  |
|  | 6  O | B | T | U | S | E | T | R | I | A | N | G | L | E |  | 7  A | C | U | T | E | T | R | I | A | N | G | L | E |  |
|  |  |  | E |  |  |  |  |  |  |  |  |  |  |  | 8  P |  |  |  |  |  |  |  |  | N |  | H |  | P |  |
|  |  |  | N |  |  |  |  |  |  |  |  |  |  |  | Y |  |  |  |  |  |  |  |  | G |  | T |  | T |  |
|  |  |  | U |  |  |  |  |  |  |  |  |  | 9  R |  | T |  |  |  |  |  |  | 10  R |  | U |  | T |  | A |  |
|  |  |  | S |  |  | 11  P |  |  |  |  |  |  | A |  | H |  | 12  P |  |  | 13  S |  | E |  | L |  | R |  | G |  |
|  |  | 14  R | E | C | T | A | N | G | L | E |  |  | D |  | A |  | E |  |  | C |  | G |  | A |  | I |  | O |  |
|  |  |  |  |  |  | R |  |  |  |  |  |  | I |  | G |  | N |  |  | A |  | U |  | R |  | A |  | N |  |
|  |  | 15  C | O | N | C | A | V | E |  |  |  |  | C |  | O |  | T |  |  | L |  | L |  | T |  | N |  |  |  |
|  |  |  |  |  |  | L |  |  | 16  R |  |  |  | A |  | R |  | A |  |  | E |  | A |  | R |  | G |  |  |  |
|  |  |  |  |  |  | L |  |  | H |  |  |  | L |  | E |  | G |  |  | N |  | R |  | I |  | L |  |  |  |
|  | 17  S | Q | U | A | R | E | R | O | O | T |  | 18  H | E | X | A | G | O | N |  | E |  | P |  | A |  | E |  |  |  |
|  |  |  |  |  |  | L |  |  | M |  |  |  | X |  | N |  | N |  |  | T |  | O |  | N |  |  |  |  |  |
|  | 19  P | O | L | Y | G | O | N |  | B |  |  |  | P |  | T |  |  |  |  | R |  | 20  L | E | G | S |  |  |  |  |
|  |  |  |  |  |  | G |  |  | U |  |  |  | R |  | H |  |  |  |  | I |  | Y |  | L |  |  |  |  |  |
|  |  |  |  |  |  | R |  | 21  I | S | O | S | C | E | L | E | S | 22  T | R | I | A | N | G | L | E |  |  |  |  |  |
|  |  |  |  |  |  | A |  |  |  |  |  |  | S |  | O |  | R |  |  | N |  | O |  |  |  |  |  |  |  |
|  |  |  |  |  |  | M |  |  |  |  |  |  | S |  | R |  | A |  |  | G |  | N |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 23  C |  | I |  | E |  | P |  |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | O |  | O |  | M |  | E |  |  | E |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 24  O | C | T | A | G | O | N |  | N |  |  |  | Z |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | V |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 25  E | Q | U | I | L | A | T | E | R | A | L | T | R | I | A | N | G | L | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **3.**  A number that is the square of an integer.  **6.** A triangle with one angle greater than 90 degrees and two acute angles.  **7.** All three angles are less than 90 degrees.  **14.**  Parallelogram with 4 right angles.  **15.** Polygon that is not convex.  **17.** A number that produces a specified quantity when multiplied by itself.  **18.** A plane figure with 6 straight sides and 6 angles.  **19.** Closed plane figure whose sides are segments that intersect only at their end points.  **20.**  Sides that form the right angle.  **21.** A triangle that has at least two congruent sides.  **24.** A plane figure with 8 straight sides and 8 angles.  **25.** A triangle that has three congruent sides. | **Down**  **1.** The side opposite of the right angle in a right triangle.  **2.** A triangle that has all congruent sides.  **4.** A triangle with one right angle.  **5.** A plane figure with 7 straight sides and 7 angles.  **8.**  In which the lengths of the legs and the length of the hypotenuse of a right triangle are related.  **9.** An expression that involves a radical sign.  **10.** All sides have the same length and all sides have the same measures.  **11.**  Quadrilateral with both pairs of opposite sides parallel.  **12.** A plane figure with 5 straight sides and 5 angles.  **13.**  A triangle that has no congruent sides.  **16.** Parallelogram with 4 congruent sides.  **22.** A plane figure with 8 straight sides and 8 angles.  **23.** If any two interior points can be connected with a segment that lies completely within the polygon. |