Area crossword puzzle Answer Key

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 7 |  |  |  |  |  |  |  |  | 8 |  | 9 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **3.** If the radius of circle is 18 in, what is the area of the circle?  **4.** If the the height of a parallelogram is 18 in and the base is 24 in , what is the area?  **6.**  If the diameter of a cirlce is 12 inches, whats is the area?  **7.** If the radius of a circle is 9 in, what is the circumference?  **11.** If the radius of a circle is 13 inches, what is the circumference?  **13.** What is the area of a trapezoid if the bases are 3 in and 9in and the height is 5 in?  **14.** If the the height of a parallelogram is 18 in and the base is 24 in , what is the area?  **15.** If the width of a parallelogram is 7in and the length is 2x the width. What is the perimeter? | **Down**  **1.** If the sides of a trapezoid are 6in, 3in, 8in, 6in. What is the perimeter?  **2.** If the bases of a trapezoid equal 14 in and the height is 8 in, what is the area?  **5.** What is the value of the second base of a trapezoid if the perimeter is 29 sq in and the other 3 sides equal 16in?  **8.**  If the area of a triangle equal 27 sq inches and 2 of the sides equals 18 inches. What is the value of the missing side?  **9.**  What is formula for finding the perimeter of a triangle?  **10.** What is the area of the paralleogram if the base is 18 in and the height is 2x the base?  **12.** If a height of a traingle is 5 inches and the base is 8 inches, what is the area? |