|  |  |  |
| --- | --- | --- |
| MATH  Objective & Instructions: Learn basic geometry. Fill in the blanks.  With a string figure out the dimensions that are not listed.  List **Circle** dimensions:   Radius: \_\_\_\_\_\_\_ units   Diameter: \_\_\_\_\_\_\_ units   Area: \_\_\_\_\_\_\_\_\_\_ units2  (Use string to compute)   Circumference: \_\_\_\_ units  **Advanced: or **  **Circumference=d \_\_ Area=r2\_**  List **Rectangle** dimensions:   Length: \_\_\_\_\_\_\_ units   Width: \_\_\_\_\_\_\_ units   Height: \_\_\_\_\_\_\_ units   Area: \_\_\_\_\_\_\_\_\_ units2   Perimeter: \_\_\_\_\_\_\_\_\_ units  **Advanced: Area=LH \_\_\_\_\_\_**  **Perimeter= 2L+ 2H \_\_\_\_\_**  **Reference:** [**http://www.math.com**](http://www.math.com/)**🡪** | List **Square** dimensions:   Side: \_\_\_\_\_\_\_ units   Area: \_\_\_\_\_\_\_ units2   Perimeter \_\_\_\_\_\_\_units  **Advanced: Area=S2 \_\_\_ Perimeter=4S \_\_\_**  TRIANGLES  **Isosceles:** 2 sides the same  **Equilateral:** 3 sides the same  **Right:** 1 corner is a right angle List **Triangle** dimensions:  Height: \_\_\_\_\_\_\_ units  Width: \_\_\_\_\_\_\_\_ units  Hypotenuse: \_\_\_\_\_\_\_ units  Area: \_\_\_\_\_\_\_\_\_ units2  (Use string to compute)  Side: \_\_\_\_\_\_\_\_\_ units  Perimeter: \_\_\_\_\_\_\_\_\_ units  **Advanced: Area=HW/2 \_\_\_**  List **Triangle** dimensions:  Height: \_\_\_\_\_\_\_ units  Width: \_\_\_\_\_\_\_\_ units  Area: \_\_\_\_\_\_\_\_units2  (Use string to compute)  Hypotenuse: \_\_\_\_\_\_\_ units  Perimeter: \_\_\_\_\_\_\_\_ units  **Advanced: Sides a2 + b2 = c2**  **c=\_\_ Pythagorean Theorem** | ORGANIZATION  Objective: Study Past, Present, Future.  The **PAST** equates to things that have happened. Those things may be avail-able to be re-visited, such as remakes of past lives, memories, chemistry.  OR  The PAST may be destroyed, closed out to be locked away, stored in memory and awareness, retold in another format.  **Terms:** History, Time,  Time Travel, Set, Boundaries, Death  The **PRESENT** equates to things happening now at this time. Most often it is a dynamic time where the PAST influences the FUTURE.  **Terms:** Now, Moment,  Action, The time is now  The **FUTURE** is the next moment of what is going to happen and reaction to it – with full range of plans, results, and living – for all living things individually and in conglomerate. **Terms:** Plans, The Light, Ideal, Destiny, Will Power, Infinite, Patience    **CLASS16.5** |