**General Physical Science – QuizSource 4**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Density** |  |
| **The density of water is…** |  |

$$Density \left(\frac{g}{ml}\right)=\frac{mass(g)}{volume(ml)}$$

|  |  |
| --- | --- |
| **An object will sink if…** |  |
| **And object will float if…** |  |



|  |  |
| --- | --- |
| **Work** |  |
| **Examples of work** |  |
| **Examples of what work is not** |  |
| **The Joule** |  |

$$Work \left(Joule\right)=Force \left(Newtons\right)x distance (meters)$$



|  |  |
| --- | --- |
| **Power** |  |
| **The watt** |  |

$$Power \left(Watt\right)=\frac{Work (Joule)}{time (seconds)}$$

