**Homework Sheet # 2M** Name:

Parent Signature: Date: Period:

*Show all work* - ***NO CALCULATORS! Due: Thursday 9/11***

**Section 1 Section 2**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. 435.9 - 12.85 |  | 1. 600 x 80 |  |
|  | |  | |
| 2. 78 x 89 |  | 2. 376 ÷ 8 |  |
|  | |  | |
| 3. 1,093 + 7,884 |  | 3. |  |
|  | | Order the following numbers from ***least to greatest:***  17.90 1.790 1970 19.70 | |
| 4. 558 ÷ 9 |  | 4.  Round **256,947** to the nearest ten thousand. |  |
|  | | Round 2**5**6,947 to the nearest ten thousand. | |
| 5. |  | 5. |  |
| There are 464 campers staying at Camp Whyne this summer. There are 8 campers in each cabin. How many cabins are occupied? | |  | |

**Section 3 Section 4**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| Give a definition and example for a whole number. | | Give a definition and example for an integer. | |
| 2. |  | 2. |  |
| Give a definition and example for a rational number. | | Given the set of numbers (15, - , 1.75, -4) which are classified as integers? | |
| 3. |  | 3. |  |
| A submarine submerges under water 75 feet below sea level. What number best represents the opposite of the depth the submarine submerges? | | Given the set of numbers (2, - 5, 0, 2.4, )  which are classified as whole numbers? | |
| 4. |  | 4. |  |
|  | | [http://t3.gstatic.com/images?q=tbn:ANd9GcR9TbfL-qFkkfLCpQ8kplb88ZJZipor0sjpqk2LXIiwZehQNf20UQ](http://www.google.com/url?sa=i&rct=j&q=labeled%20number%20line%20with%20integers&source=images&cd=&cad=rja&uact=8&docid=tVl5P0M1wTBPYM&tbnid=mQVrgcLCeR1IWM:&ved=0CAUQjRw&url=http://www.sparknotes.com/math/prealgebra/review/quiz.html&ei=ir4FVJyzB5PMggTdiYDwCA&bvm=bv.74115972,d.eXY&psig=AFQjCNFl-ihTSgmWe7YFX2rlw5VJgnkcLg&ust=1409748961668709)  Which integer is the opposite of the value of point D on the number line? | |
| 5. |  | 5. |  |
|  | | [http://t0.gstatic.com/images?q=tbn:ANd9GcR7GhkY4umcCzF3-q6pGKtxdU2AT0O31WHClffBuePX-bPEdjK6](http://www.google.com/url?sa=i&rct=j&q=labeled%20number%20line&source=images&cd=&cad=rja&uact=8&docid=4rGN6PAy4np8EM&tbnid=8oe4afHYaz7RCM:&ved=0CAUQjRw&url=http://cnx.org/content/m21895/latest/&ei=r78FVNnIH5OXgwSO1oGgDQ&psig=AFQjCNFxzoICgppqnhns-myDq87wIEMEcQ&ust=1409748945634071)  Maria locates 4 on the number line. She determines it is 4 units from zero. If Maria needs to find a different number that is also 4 units away from zero, which number should she choose? | |