

Seven Seas

Although the Pacific Ocean, Baltic Sea, and Arctic Sea represent three bodies of water, when added together, their sum yields seven Cs. Using the nine digits 0, 2, 3, 4, 5, 6, 7, 8, 9 substitute a different digit for each letter to make a true sum for the following:

$$\text{PACIFIC} + \text{BALTIC} + \text{ARCTIC} = \text{CCCCCCC.}$$

Your task is to provide the value of the word PACIFIC.



When you have solved this problem and can articulate your understanding, go to Room 141 in Jordan Hall to present to the Master Teacher.

This problem is courtesy of Dr. David Rock, Dean of the School of Education, The University of Mississippi.