America's School of Heroes
Middle School 137011
109-15 98th Street, Ozone Park, N.Y. 11417
Tel: 1-718-659-0471   Fax: 1-718-659-4594
http://www.heroesofms137.org
Laura Mastrogiovanni, Principal
Assistant Principals:
Mark A. Main • Elizabeth Orsini-Fox • Michael Potwardski • Pamela Trincado (IA) • Michael Troy • Zoanne Wilkins

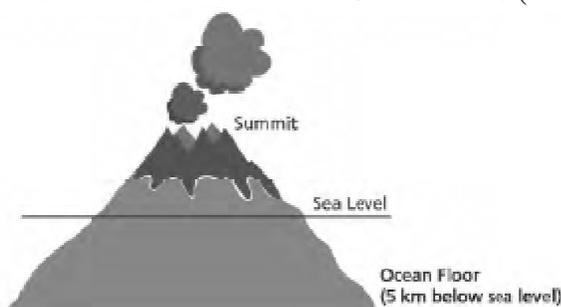Name: Class: Due Date:

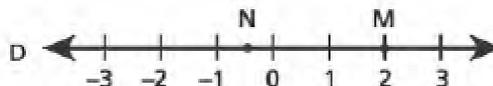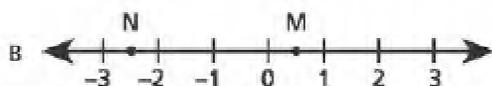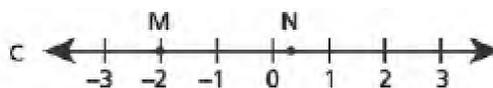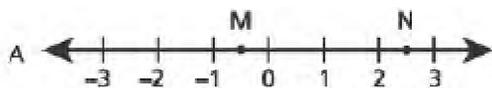## 6th Grade Math Problem of the Week

Answer the following questions and show the work in the space provided.

1) The summit of a volcano is 10 kilometers (km) above the ocean floor, as shown below.

If the ocean floor has an elevation of -5 kilometers, which statement describes the elevation of sea level and the summit?

A) The elevation of sea level is 0 km and the elevation of the summit is 5 km.
B) The elevation of sea level is 5 km and the elevation of the summit is 5 km.
C) The elevation of sea level is 0 km and the elevation of the summit is 10 km.
D) The elevation of sea level is 5 km and the elevation of the summit is 10 km.

2) Point M represents the opposite of -½ and point N represents the opposite of 2½. Which number line correctly shows points M and N?

3) Two numbers have a least common multiple of 60. Each number is less than or equal to 12. The greatest common factor of the numbers is 2. What are the two numbers?

A) 6 and 10   C) 10 and 12
B) 5 and 12   D) 12 and 15