NAME _____ CLASS _____ DATE _____

Subtracting Integers and Rational Numbers

Midway through law school, this Bostonian shipped to California as a common sailor. Later, he wrote of his adventures in *Two Years Before the Mast*, one of the greatest, most realistic sea stories ever written. Name the author.

To solve:

1. Work each exercise.
2. Find the digits of each answer on the corresponding number line. (Note that there are different number lines for positive and negative answers.) Cross out the letter that matches each digit. Some letters may be crossed out more than once.
3. Transfer letters that are not crossed out, in order, to the answer below.

Example: **1.** Subtract: (+4) − (+30)

Solution: −26 On answer line II, cross out the letters above 2 and 6.

Subtract. Use number lines I and II.

2. (+78) − (+2) _____ **3.** (+40) − (+20) _____

4. (−45)− (−7) _____ **5.** (−27) − (+18) _____

6. (−13) − (−51) _____ **7.** (+57.1) − (−37) _____

8. (−11) − (+8) _____ **9.** (+47) − (+84) _____

Subtract. Use number lines III and IV.

10. (−26.4) − (+9) _____ **11.** (+2.2) − (−4.6) _____

12. (+14.1) − (−33) _____ **13.** (−37.8) − (−8) _____

14. (+5) − (+22) _____ **15.** (−7)− (−27) _____

16. (+18) − (−41) _____ **17.** (−10) − (+30) _____

RICHARD HENRY

line I	line II	line III	line IV
___	___	___	___

Positive

I. J R ~~A~~ T L D ~~N~~ D C E

0 1 2 3 4 5 6 7 8 9

Negative

II. A R S K M F G I C O

0 1 2 3 4 5 6 7 8 9

Positive

III. P V B N E W O L M A

0 1 2 3 4 5 6 7 8 9

Negative

IV. U K E N I R A H Y T

0 1 2 3 4 5 6 7 8 9