Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_

**1.3A Subtracting Integers\_Classwork**

*Objective: Students will be able to subtract integers using real-life applications. CC.SS.7.NS.1 and CC.SS.7NS.3*

|  |  |  |
| --- | --- | --- |
| **#** | **Expression** | **Number Line. Show your work by using the number line** |
| 1 | 4 – 2 | Image result for number line |
| 2 | 4 - (-2) | Image result for number line |
| 3 | -3 – 1 | Image result for number line |
| 4 | -3 - (-1) | Image result for number line |
| 5 | 3 – 8 | Image result for number line |
| 6 | 3 - (-8) | Image result for number line |
| 7 | 9 – 13 | Image result for number line |
| 8 | 9 - (-13) | Image result for number line |
| 9 | -6 – (-3) | Image result for number line |
| 10 | -6 - 3 | Image result for number line |
| 11 | -5 – (-12) | Image result for number line |
| 12 | -5 - 12 | Image result for number line |
| 13 | 12 - 12 | Image result for number line |

1.  2.  3.  4. 

Evaluate the expression.

5.  6.  7. 

Use mental math to solve the equation.

8.  9.  10. 

11. You begin a hike in Death Valley, California, at an elevation of –86 meters. You hike to a point of elevation at 45 meters. What is your change in elevation?

12. You sell T-shirts for a fundraiser. It costs $112 to have the T-shirts made. You make $98 in sales. What is your profit?