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| **7th grade**  **Learn Check: 7.NS Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Block: \_\_\_ Date \_\_\_\_\_\_\_ Score \_\_\_/16**  **SHOW ALL WORK!**  **Develop fluency in addition, subtraction, multiplication, and division of rational numbers (Integers)** |
| 1. Model the following:  a) -4 + 7 b) 7 – 9 c) 3 • -8  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 2. Solve.  a) (3-8) – (-2+9) b) (-12•5)÷(-10)  c) 8•(-7)+2 d) 32 + (-4) + (-15)  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 3. Baltimore’s daily low temperatures in January fluctuated between -7°F and 2°F. What is the temperature range?  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 4. What is the |6| + |-12|?  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 5. A diver went down 100 feet from the ocean surface to the ocean floor. She then went up 25 feet to explore a reef. In the reef she discovered a cave and went down 15 feet to the entrance. How far below the ocean surface is the entrance to the cave?  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 6. The data below shows the yards Juan ran forward and backward when he carried the ball in last week’s football game. How many net yards did Juan run?  +6 yds, -2 yds, +4 yds, 0 yds, -3 yds, +5 yds, +11 yds  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 7. During a 5-day period, the stock market went down every day. At the end of the period, the stock market index had changed -20 points. What was the average change in the index per day?  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |
| 8. The average yard loss per play at last night’s football game was 3 yards. After 7 plays, what was the team’s total loss?  **Correct Work\_\_\_\_\_ Correct Answer\_\_\_\_\_** |

**Score:\_\_\_\_\_\_\_\_ Performance Level: \_\_\_\_\_\_\_**

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| **Level I** | **1 – 6 points** | **NY** |
| **Level II** | **7 – 12 points** | **NY** |
| **Level III** | **13 -14 points** | **81/88** |
| **Level IV** | **15 - 16 points** | **94/100** |