

Integer Quiz #1

REVIEW

Name: _____ Hour: _____

Show ALL work! Check your integer sign.

In 1 & 2, find the opposite of the number

1. 38

1. _____

2. -104

2. _____

In 3 -5, find the absolute value.

3. $|-48|$

3. _____

4. $|35|$

4. _____

5. $|-7|$

5. _____

Order the numbers from least to greatest

6. 26, -41, 7, -9, 17, 0, -1, 68, -34 5. _____

In 7-9 use the following information: At 10:00 A.M. on a winter day in Juneau, Alaska, the temperature was $-3^{\circ}F$. Find the temperature after each of the following temperature changes.

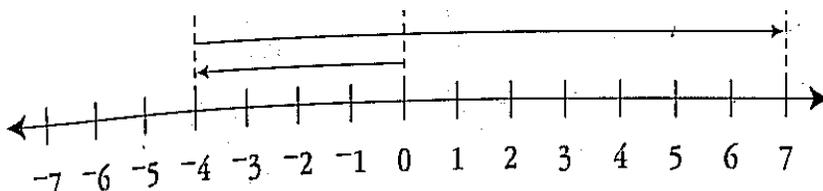
7. Between 10:00 A.M. and Noon, the temperature rose $11^{\circ}F$. 7. _____

8. Between noon and 3:00 P.M., the temperature rose $4^{\circ}F$. 8. _____

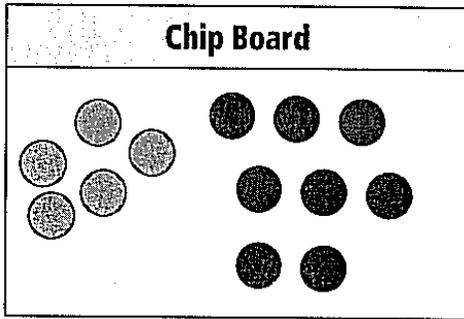
9. Between 3:00 P.M. and 6:00 P.M., the temperature dropped $17^{\circ}F$. 9. _____

10. Label the diagram below with the correct integers. Write an addition sentence and find the solution.

10. _____



11. Using the chipboard below, answer the following question. After you simplify the board by removing zero pairs, what chips would remain? _____
 What integer do these chips represent? _____
 Write the correct addition sentence for the chipboard below: _____



In 12-21, find the sum or difference.

12. $-125 + 74 =$ _____

13. $+1125 + -110 =$ _____

14. $-399 + -38 =$ _____

15. $-85 + 43 =$ _____

16. $+49 + -19 + -54 =$ _____

17. $93 - 61 =$ _____

18. $-82 - (-38) =$ _____

19. $-127 - 53 =$ _____

20. $+62 - 183 =$ _____

21. $-42 - 87 - (-9) =$ _____

22. On the thermometer at the right, *graph and label* the following temperatures in degrees Celsius.

- A. 12° B. -6° C. -15° D. 0° E. 20°

23. Using complete sentences, explain to a younger student who has not worked with integers *how and why* you would rewrite the following mathematical sentence to an addition problem.

Give the solution as well.

$-8 - (-5) =$

