Accentuate the Negative
Investigation 1 Review

CIRCLE YOUR FINAL ANSWER.
At one point in the game, the scores for Mr. Vitale’s class are as follows:

<table>
<thead>
<tr>
<th>Cameron Crazies</th>
<th>Heels</th>
<th>Orange</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>-300</td>
<td>-150</td>
</tr>
</tbody>
</table>

1. How many points separate the highest score from the lowest score?

For Questions 2 through 4, USE THE POINT TOTALS LISTED ABOVE.

2. The Cameron Crazies answer a 200-point question correctly, a 150-point question incorrectly, a 50-point question correctly, and another 50-point question correctly.

   What is their score now?

3. The Heels answer a 50-point question incorrectly, a 200-point question incorrectly, a 100-point question correctly, and a 150-point question incorrectly.

   What is their score now?

4. The Orangemen answer a 100-point question incorrectly, a 200-point question correctly, a 150-point question correctly, and a 50-point question incorrectly.

   What is their score now?
Team A: -200    Team B: 150        Team C: -350         Team D: 300

Team E: -50

5. Order the teams by score, from first place through fifth place. List the letter of the team.

1st =               2nd =                 3rd =                  4th = 

5th =

6. By how many points is the first-place team ahead of the second-place team?

7. By how many points is the first-place team ahead of the third-place team?

8. By how many points is the second-place team ahead of the fourth-place team?

9. By how many points is the third-place team ahead of the fifth-place team?

In problems 10-12, insert the > or < to make a true statement.

10.  46 ________  64

11.  -50 ________  0

12.  -60 ________ -80

The temperature reading on a thermometer is 10 degrees. Tell what the new reading would be if the temperature:

(Hint: always start back at 10 degrees) WRITE NUMBER SENTENCES!
13. rises 10 degrees = ______________________
14. falls 2 degrees = ______________________
15. falls 15 degrees = ______________________
16. rises 7 degrees = ______________________

The temperature reading on a thermometer is -10 degrees. Tell what the new reading would be if the temperature:

(Hint: always start back at -10 degrees) WRITE NUMBER SENTENCES!

17. falls 3 degrees = ______________________
18. rises 3 degrees = ______________________
19. falls 15 degrees = ______________________
20. rises 15 degrees = ______________________

In problems 21-24, give the temperature halfway between the two given temperatures.

21. 0 degrees and 20 degrees = _________
22. -8 degrees and -18 degrees = _________
23. -5 degrees and 15 degrees = _________
24. 9 degrees and -9 degrees = _________

In problems 25-28, tell which temperature reading is farther from -2 degrees.

25. -6 degrees or 6 degrees = _________
26. -7 degrees or 3 degrees = 

27. 2 degrees or -5 degrees = 

28. -10 degrees or 5 degrees = 

For 29 and 30 you should draw a chipboard that represents the # sentence. Then describe the steps you would take and give the final value of the board.

29. 7 - -9 = 

30. -7 - -6 = 