1
Four students plotted a number they were given in math class on a number line on the front board as shown below. Did each student plot his or her number correctly?

Select Yes or No for options A – D.

A. Juan plotted -1.75
   Yes ______ No ______

B. Chloe plotted 2.25
   Yes ______ No ______

C. Latrell plotted -3
   Yes ______ No ______

D. Dasia plotted -3 1/4
   Yes ______ No ______

2
Look at each phrase. Does it represent the integer –20? Select Yes or No for expressions A through D.

A. Your mom withdraws 20 dollars from her account using an ATM.
   Yes ______ No ______

B. It is 20 degrees below zero outside today.
   Yes ______ No ______

C. The football team gained 20 yards on the last play.
   Yes ______ No ______

D. The bank credited your account with 20 dollars.
   Yes ______ No ______

3
Four new houses are being built in a neighborhood. The water well drilling company is on site to drill for the wells. The company had to drill to the following depths before they hit water: House 1: –300 ft., House 2: –585 ft., House 3: –267 ft. and House 4: –403 ft. At which house did the company have to drill the deepest?

1 House 1
2 House 2
3 House 3
4 House 4

4
Jack plays cards with his friend each afternoon. Here are his scores from the last 5 games: 8, –6, –3, 4, 7. Which is the least of his scores?

1 –6
2 7
3 8
4 –3

5
The table below shows the high temperatures (°F) over the past seven days for Fairbanks, Alaska. Which day had the lowest temperature?

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>–9</td>
<td>–6</td>
<td>–8</td>
<td>–2</td>
<td>1</td>
<td>0</td>
<td>–4</td>
</tr>
</tbody>
</table>

1 Friday
2 Tuesday
3 Thursday
4 Sunday
When the stock market crashed, several of Joe’s clients lost money in their accounts. The table below shows how much money (in thousands) Joe’s top 5 clients lost.

<table>
<thead>
<tr>
<th>Client</th>
<th>Amount Lost (thousands of dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlie</td>
<td>−82</td>
</tr>
<tr>
<td>Candace</td>
<td>−18</td>
</tr>
<tr>
<td>Corey</td>
<td>−46</td>
</tr>
<tr>
<td>Cathy</td>
<td>−26</td>
</tr>
<tr>
<td>Carly</td>
<td>−52</td>
</tr>
</tbody>
</table>

Which client lost the least amount of money?

1 Cathy
2 Candace
3 Carly
4 Corey

7 The letter $R$ represents $-2$ on which number line?

8 In the game of golf, the best score is the lowest score. Which of the following players had the best score after a recent round of golf?

<table>
<thead>
<tr>
<th>Player</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>$A$</td>
<td>2</td>
</tr>
<tr>
<td>$B$</td>
<td>−7</td>
</tr>
<tr>
<td>$C$</td>
<td>−11</td>
</tr>
<tr>
<td>$D$</td>
<td>12</td>
</tr>
</tbody>
</table>

1 Player $A$
2 Player $B$
3 Player $C$
4 Player $D$
The number "-15" is

1 a counting number
2 an integer
3 a whole number
4 none of the above
The number -1 belongs to which of the following sets of numbers?

1 whole numbers
2 natural numbers
3 integers
4 counting numbers

The number –10 is best described as which of the following?

1 integer
2 natural number
3 irrational number
4 whole number

What is the temperature reading of the thermometer?

1 18°F
2 8°F
3 -5°F
4 -8°F

Which thermometer below reads –5°F?

1 3
2 4
Look at each phrase. Does it represent the integer 5? Select Yes or No for expressions A through D.

A. The bank credits your account 5 dollars for signing up for a new program. Yes No

B. You owe your mom 5 dollars. Yes No

C. Use of an ATM machine other than your bank’s debits your account 5 dollars. Yes No

D. You earned 5 dollars for mowing the lawn. Yes No

The table below shows the change in temperature between one Monday and the previous Monday in four cities.

<table>
<thead>
<tr>
<th>City</th>
<th>Temperature Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>−16</td>
</tr>
<tr>
<td>A</td>
<td>−6</td>
</tr>
<tr>
<td>K</td>
<td>8</td>
</tr>
<tr>
<td>E</td>
<td>−26</td>
</tr>
</tbody>
</table>

Which city had the largest drop in temperature?

1. City M
2. City A
3. City K
4. City E