1. Circle **True** or **False**:

   a) Rocks are composed of one material.  
       T  F  
   b) Minerals are composed of one material.  
       T  F  
   c) Sedimentary rocks can contain fossils.  
       T  F  
   d) Igneous rocks can contain fossils.  
       T  F  
   e) Fossils are only formed from animal remains.  
       T  F  
   f) Some rocks or minerals are magnetic.  
       T  F  
   g) Rocks can be sorted by texture.  
       T  F  
   h) Lustre refers to the weight of a rock.  
       T  F  
   i) An aluminum can can be recycled over and over.  
       T  F  
   j) Wind causes more erosion than water.  
       T  F  

2. Identify the **type** of rock that is being described.

   a) These rocks have flat layers and pieces that are about the same size:  
      ______________________________  
   
   b) These rocks have alternating dark and light bands:  
      ______________________________  
   
   c) These rocks have no layers and have a variety of textures:  
      ______________________________  

3. Explain how each of the three types of rocks are formed.

   __________________________________________
   __________________________________________
   __________________________________________
   __________________________________________
   __________________________________________
   __________________________________________
4. If rock “A” is a 7 on the Mohs Hardness scale and rock “B” is a 3 on the Mohs hardness scale, what does that mean when you compare the two rocks?

5. What is soil erosion?

6. Name the three types of erosion:

7. Why is erosion greatly reduced in areas covered by grasses, shrubs, and trees?

8. What do people do that changes the surface of the land?

9. Complete the sentences:
   a) When people remove rocks from the earth it is called___________________________.
   b) When people remove minerals from the ground it is called__________________________.
10. List positive and negative effects that the removal of rocks and minerals from the earth can have on the environment.

<table>
<thead>
<tr>
<th>Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Negative</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

11. If you ran a quarry, what would you do to restore the land after quarrying? Write a paragraph to explain what you would do and then draw a picture and label it to show what it would look like.

<table>
<thead>
<tr>
<th>Question</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Points</td>
<td>10</td>
<td>3</td>
<td>6</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>6</td>
<td>6</td>
<td>45</td>
</tr>
<tr>
<td>Score</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>