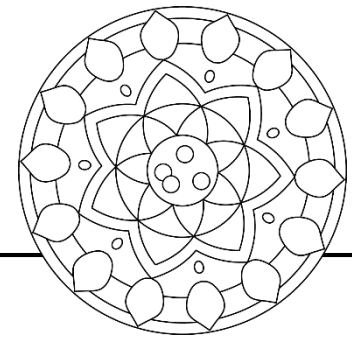


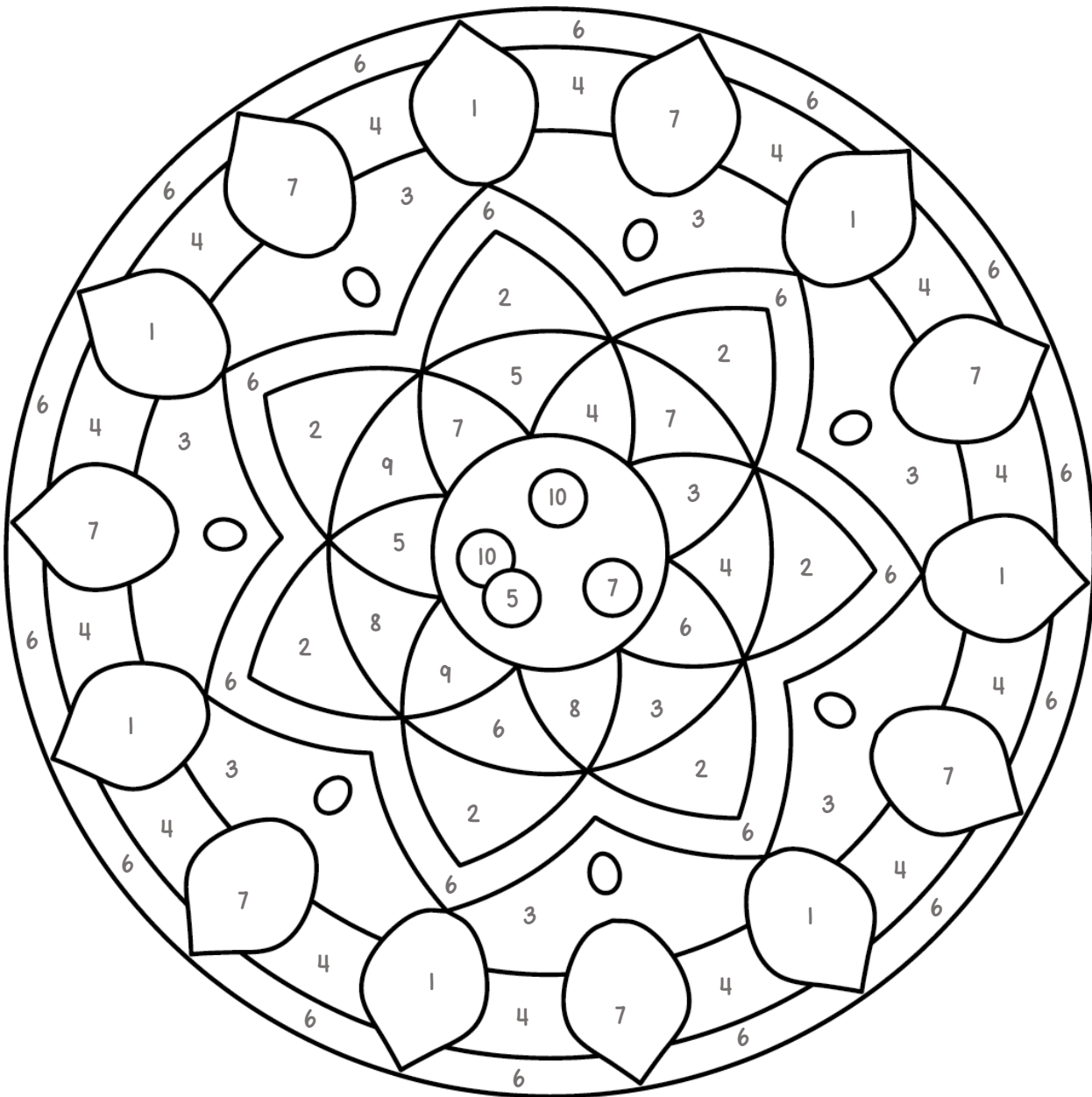
Name _____ Date _____



Elements, Compounds, & Mixtures

For each question, there is one correct answer and a color associated with that answer. On the coloring page, each question number section should be filled in with that color!

<p>1</p> <p>What is the smallest unit of a chemical compound that still has the properties of the compound?</p>			<p>6</p> <p>Which of these are elements?</p>		
<p>a nucleus PURPLE</p>	<p>a molecule RED</p>	<p>an element YELLOW</p>	<p>Au, C, K, O LIGHT BLUE</p>	<p>H₂O, CO₂, NaCl RED</p>	<p>Milk, Mud, Air DARK GREEN</p>
<p>2</p> <p>What is the smallest unit of an element that still has the properties of the element?</p>			<p>7</p> <p>Which of the following processes would be the simplest to separate a mixture?</p>		
<p>an atom YELLOW</p>	<p>a compound LIGHT BLUE</p>	<p>a molecule LIGHT GREEN</p>	<p>nuclear reaction RED</p>	<p>chemical reaction YELLOW</p>	<p>filtration ORANGE</p>
<p>3</p> <p>Which of the following is an example of a pure substance, not a mixture?</p>			<p>8</p> <p>Magnesium oxide is created when magnesium burns in the presence of oxygen. The properties of magnesium oxide are different than those of magnesium or oxygen. It is a</p>		
<p>air in a tire RED</p>	<p>milk in a glass BROWN</p>	<p>helium in a balloon LIGHT GREEN</p>	<p>mixture LIGHT BLUE</p>	<p>solution BROWN</p>	<p>compound PURPLE</p>
<p>4</p> <p>Saltwater is a considered a mixture because it is</p>			<p>9</p> <p>Which of the following can be separated into several elements?</p>		
<p>made of one element BROWN</p>	<p>made of one compound ORANGE</p>	<p>non-bonded substances YELLOW</p>	<p>nitrogen RED</p>	<p>air PINK</p>	<p>aluminum BLACK</p>
<p>5</p> <p>Which of the following is formed when two elements combine chemically?</p>			<p>10</p> <p>What do water, rust, and salt have in common?</p>		
<p>a compound RED</p>	<p>an element PURPLE</p>	<p>a mixture LIGHT GREEN</p>	<p>They are all elements. PURPLE</p>	<p>They are all compounds. DARK BLUE</p>	<p>They are all mixtures. RED</p>



Color each numbered section (corresponds with the question number) with the color of the correct answer.

Any sections that are not numbered, you may color with your choice!

