

Name _____

PVA and Borax Mini-Lab

$\text{Na}_2\text{B}_4\text{O}_7$ is the formula for Borax

1. What is the weight of the sodium? _____
2. What is the weight of the boron? _____
3. What is the weight of the oxygen? _____
4. What is the total weight? _____
5. What is the percentage by weight of sodium? _____
6. What is the percentage by weight of boron? _____
7. What is the percentage by weight of oxygen? _____
8. How would you make a 1M solution of Borax? _____
9. How would you make a 0.2M solution of Borax? _____
(that's 1/5th for you math haters)
10. To make the PVA/ Borax solution mixture, you need one measure of Borax to 5 measures of PVA. What is your plan?