

Please complete the following problems for homework. Check Mrs. Kent's website for due dates.  
THERE MAY BE PROBLEMS ON THE BACK!

1. Find the mode of the following data set, if it exists. Otherwise, write "No Mode".  
7, 8, 14, 25, 42, 7, 23, 7
2. Find the mode of the following data set, if it exists. Otherwise, write "No Mode".  
15, 74, 55, 46, 15, 74, 61, 74
3. Find the mode of the following data set, if it exists. Otherwise, write "No Mode".  
101, 58, 76, 101, 58, 39, 46
4. Find the mode of the following data set, if it exists. Otherwise, write "No Mode".  
24, 102, 66, 9, 234, 77
5. Find the mode of the following data set, if it exists. Otherwise, write "No Mode".  
 $2w, 6w, 4w, w, 5w, 2w, 3w$

6. Find the mode of the following data set, if it exists. Otherwise, write "No Mode".  
 $w + 4, 2w + 7, 2w - 7, 4 + w, 2x - 7, 2x + 7$
7. Find the range of the following data set.  
 $7, 8, 14, 25, 42, 7, 23, 7$
8. Find the range of the following data set.  
 $15, 74, 55, 46, 15, 74, 61, 74$
9. Find the range of the following data set.  
 $24, 102, 66, 9, 234, 77$
10. If the range of the following data set of all positive numbers is 134, then find the value of  $x$ .  
 $24, 45, 19, 94, x, 122, 78, 150$