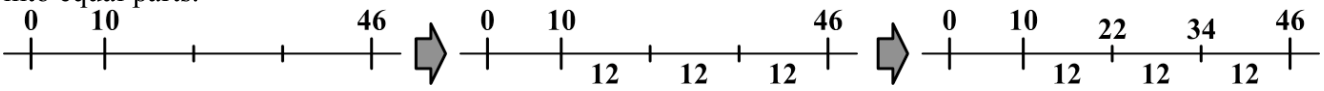
Number Line Fraction Practice

Name:
Homeroom:
Mr. Z.'s Science Class
12/9/08

Tuesday 12/9/08

Breaking a space into unit parts

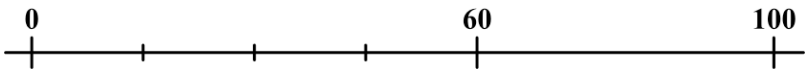
If there are several marks between two labeled marks on a number line, we assume that they are dividing up the space into equal parts.



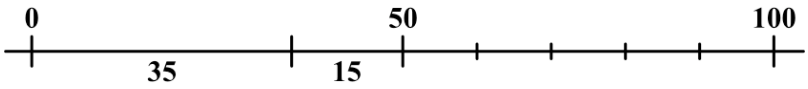
- The space between 10 and 46 is 36 long. I find this out by subtracting 10 from 46 to get the difference.
- That space 36 long is broken into three parts, so each part is 12 long. I find this out by dividing 36 by 3.
- Knowing this allows me to fill in the values of the marks in between 10 and 46.

On all the problems below, you can assume that spaces have been broken down into equal parts.

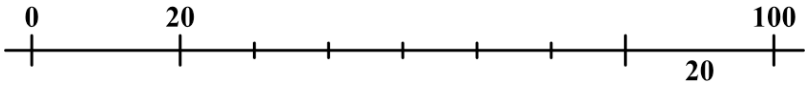
1. Fill in the missing space lengths and mark numbers.



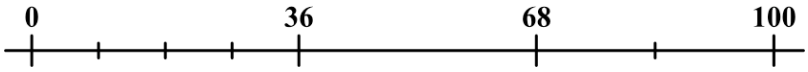
2. Fill in the missing space lengths and mark numbers.



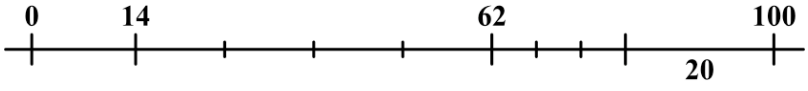
3. Fill in the missing space lengths and mark numbers.



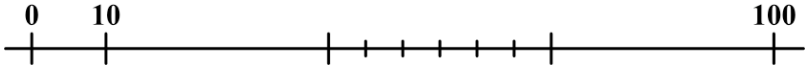
4. Fill in the missing space lengths and mark numbers.



5. Fill in the missing space lengths and mark numbers.

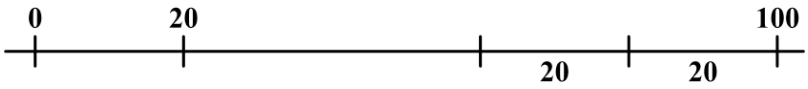


6. This is a more challenging problem. The space from 10 to 100 is broken into thirds (the bigger marks) and the middle third is then broken up again.

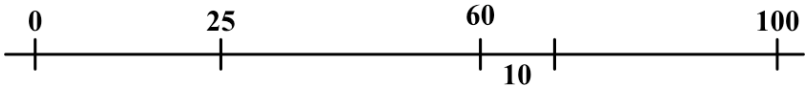


Marks and Spaces Practice

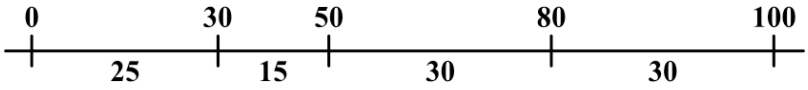
7. Fill in any missing mark numbers and space lengths.



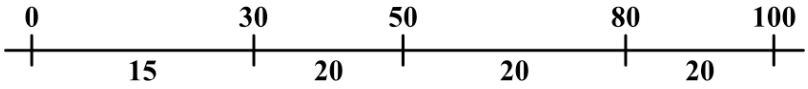
8. Fill in any missing mark numbers and space lengths.



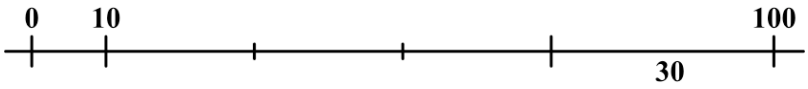
9. All the spaces here are correct, but the marks may not be. Fix the incorrect marks.



10. All the marks here are correct, but the spaces may not be. Fix the incorrect spaces.



11. Fill in the missing marks and spaces, assuming that spaces are broken up into equal parts.



12. Fill in the missing marks and spaces, assuming that spaces are broken up into equal parts.