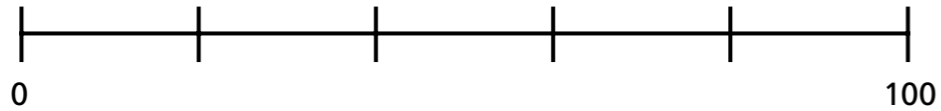


Work out intervals on a number line



1 Rosie is working out the value of each of the intervals on this number line.



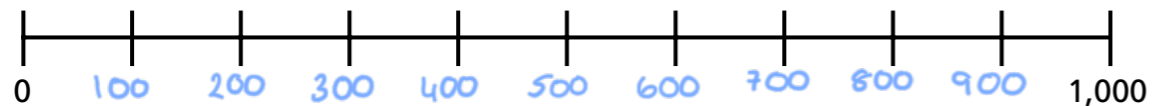
There are 4 little marks, so you need to do $100 \div 4$, which is 25. So the number line is going up in 25s.

Is Rosie correct? No

Explain your answer.

There are five equal sized sections on the number line so its going up in 20s.

2 Amir thinks this number line goes up in 10s.



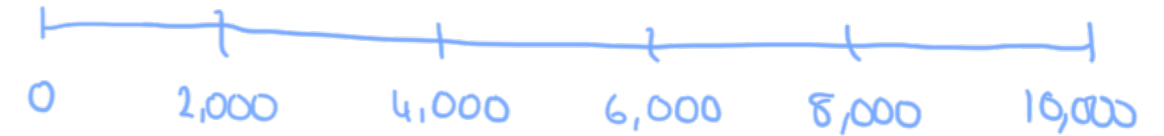
Explain why Amir is incorrect.

What does the number line go up in?

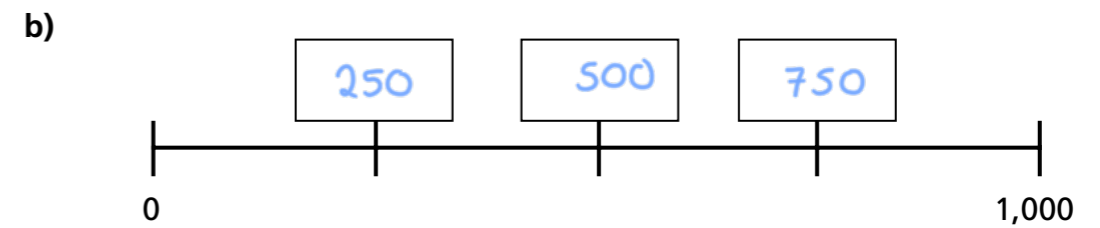
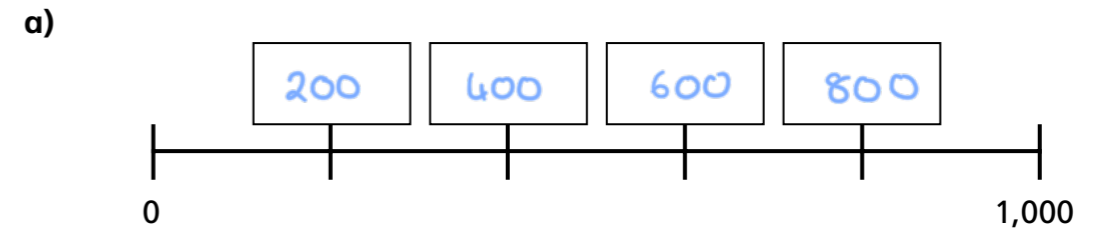
100s

Label the intervals on the number line.

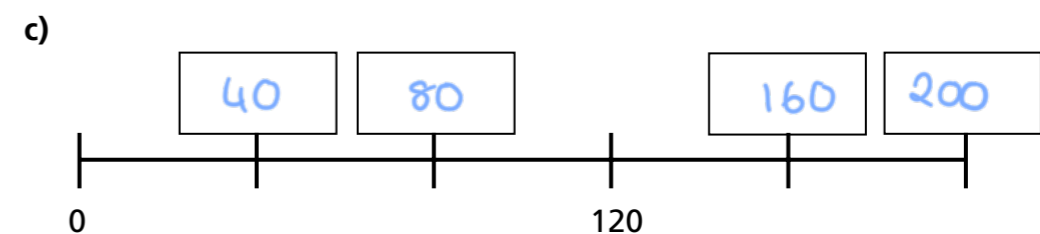
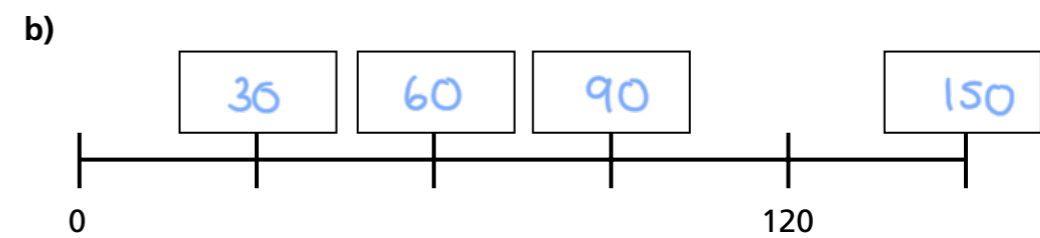
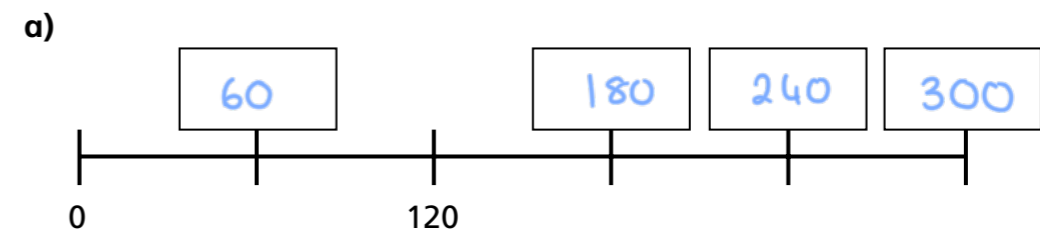
3 Draw a number line from 0 to 10,000 that goes up in 2,000s.

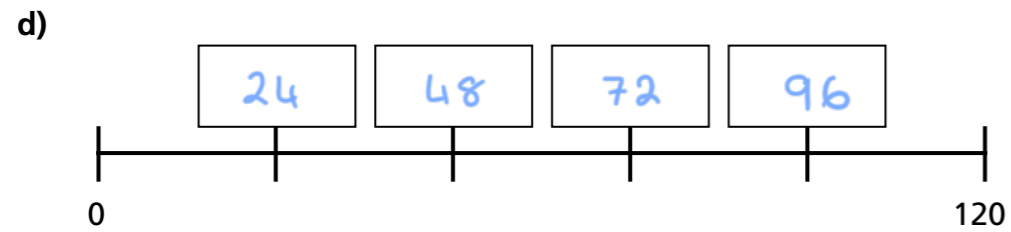


4 Complete the number lines.



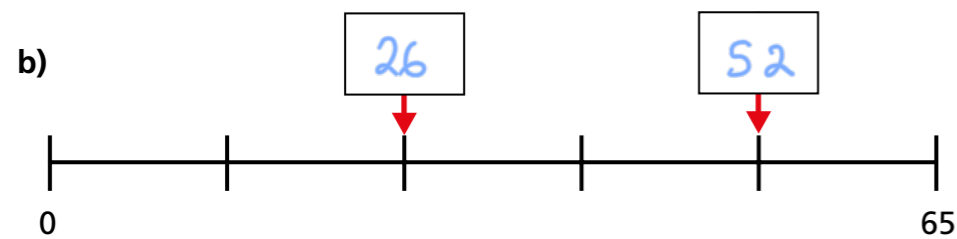
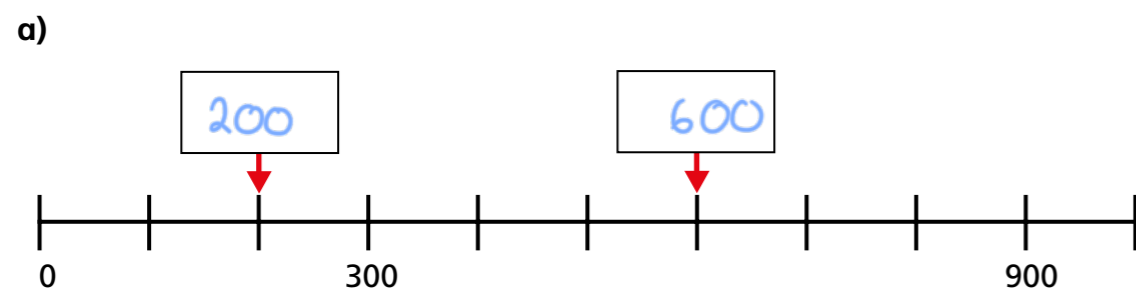
5 Label the number lines.





What would change if 120 were changed to 60?
 What would stay the same? What would be different?

6 Work out the missing numbers.



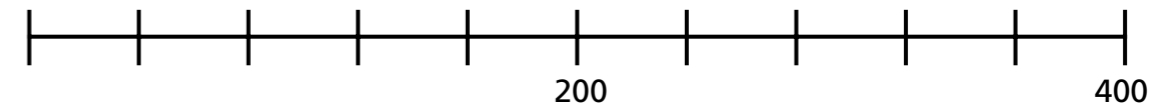
7 Find the difference between A and B.



Show all the steps in your working.

The difference between A and B is 35

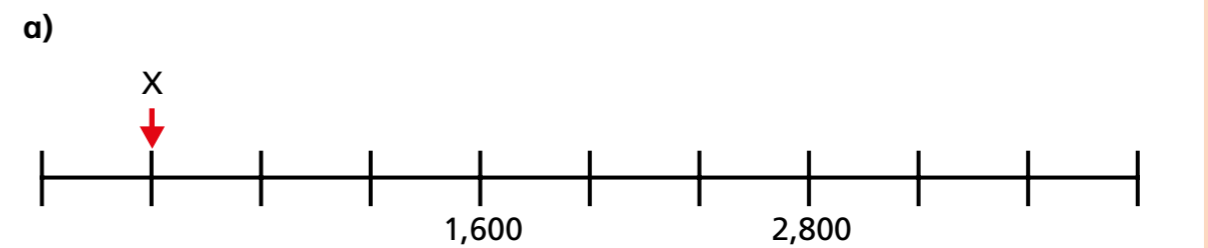
8 Here is a number line.



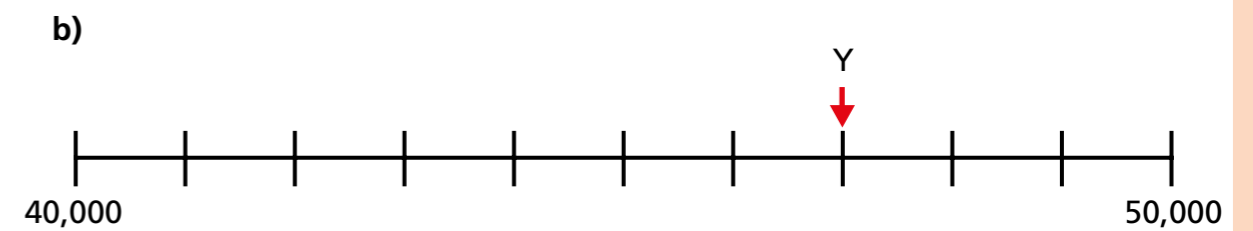
What is the number line going up in? 40s

How do you know?

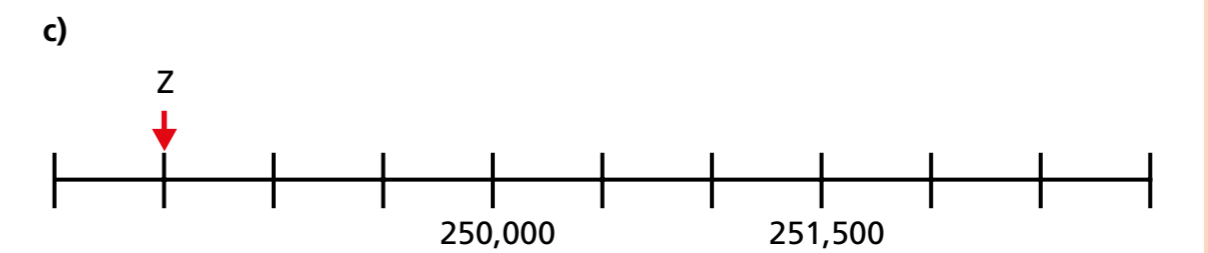
9 Work out the values of X, Y and Z.



X = 400



Y = 47,000



Z = 248,500