```java
//Roman.java    MrG 2018.0314
public class Roman extends Object implements Comparable<Roman>
{
    private int num;

    public Roman(int num)
    {
        this.num = num;
    }

    public int getNum()
    {
        return num;
    }

    public int compareTo(Roman other)
    {
        return this.getNum()-other.getNum();
    }

    public boolean equals(Object other)
    {
        Roman temp = (Roman)other;
        return temp.compareTo(this)==0;
    }

    public String toString()
    {
        String temp="";

        int ones = num%10;
        int tens = num/10;

        if(tens==1){temp+="x";}
        if(tens==2){temp+="xx";}
        if(tens==3){temp+="xxx";}
        if(tens==4){temp+="xl";}
        if(tens==5){temp+="l";}
        if(tens==6){temp+="lx";}
        if(tens==7){temp+="lxx";}
        if(tens==8){temp+="lxxx";}
        if(tens==9){temp+="xc";}

        temp+=" ";

        if(ones==1){temp+="i";}
        if(ones==2){temp+="ii";}
        if(ones==3){temp+="iii";}
        if(ones==4){temp+="iv";}
        if(ones==5){temp+="v";}
        if(ones==6){temp+="vi";}
        if(ones==7){temp+="vii";}
        if(ones==8){temp+="viii";}
        if(ones==9){temp+="ix";}

        return temp;
    }

    public Roman add(Roman other)
    {
        return new Roman(num+other.getNum());
    }

    public Roman sub(Roman other)
    {
        return new Roman(num-other.getNum());
    }

    public Roman mul(Roman other)
    {
        return new Roman(num*other.getNum());
    }
}
```