Shell Script: LCM and GCD Operations

Q1)
Read three numbers (a, b, c) from the user and store them into three variables.Find the Least Common Multiple (LCM) from the first two numbers (a, b) and find the Greatest Common Divisor (GCD) for the second two numbers (b, c).

```
echo "Enter the number 1:"
read a

echo "Enter the number 2:"
read b

echo "Enter the number 3:"
read c

gcd() {
    a=$1
    b=$2
    while [ $b -ne 0 ]
    do
       temp=$b
       b=$(( a % b ))
       a=$temp
    done
    echo $a
}

lcm() {
    a=$1
    b=$2
    gcd_ab=$(gcd $a $b)
    echo $(( (a * b) / gcd_ab ))
}

lea=$(lcm $a $b)
gra=$(gcd $b $c)
```

```
echo "LCM : $lea"
echo "GCD : $gra"
```