```bash
#!/bin/bash

for filee in "$@"
do
   if [ $(file $filee | cut -d":" -f2 | cut -d" " -f2) != 'gzip' ]
   then
       gzip -f $filee
       mv $filee.gz ~/TRASH
   else
         mv $filee ~/TRASH
   fi
done

cd ~/TRASH

for filee in $(ls)
do
   if [ $(($(($(date +%s)/3600 - $(date -r $filee +%s)/3600)) > 48)) == 1 ]
   then
       rm $filee
   else
   echo "less than the time period"
   fi
done
```