

#1: FACTOR(42, Number)  
#2:  $2 \cdot 3 \cdot 7$   
#3: FACTOR(150, Number)  
#4:  $2 \cdot 3 \cdot 5^2$   
#5: FACTOR(4956, Number)  
#6:  $2^2 \cdot 3 \cdot 7 \cdot 59$   
#7: FACTOR(30888, Number)  
#8:  $2^3 \cdot 3^3 \cdot 11 \cdot 13$   
#9: GCD(51, 27, 81)  
#10: 3  
#11: LCM(51, 27, 81)  
#12: 1377  
#13: GCD(144, 72, 24)  
#14: 24  
#15: LCM(144, 72, 24)  
#16: 144  
#17: GCD(210, 180, 120)  
#18: 30  
#19: LCM(210, 180, 120)  
#20: 2520  
#21: GCD(125, 175, 245)  
#22: 5  
#23: LCM(125, 175, 245)  
#24: 6125