

# Numerical Challenges

3 3  
3 3  
3

Find ways to write the numbers  
1 – 10 using exactly four 3's.  
Show your work.  
Explain your strategies.

Extension 1: Find ways to write the numbers 11 – 20  
using exactly five 2's.

Extension 2: Write the numbers 0 – 50 using exactly five  
4's and any symbols: +, -, ×, ÷, ( ), !