

Name: _____

Challenge: The "Four 4's"

Instructions: Using exactly four 4's, try to write a numerical expression that would equal each whole number from 0 to 10. The following rules apply:

- You must use exactly four 4's. No more, no less. You may not use any number besides four.
- You may use the following symbols: +, −, ×, ÷, ()
- You may not use square roots or exponents. (4 to the 4th power would be way too big anyways)
- You may put 4's together to make 44, 444, etc.

Examples

- $4 \times 4 + 4 + 4$ is an expression that would equal 24.
- $4 \times (4 + 4 + 4)$ is an expression that would equal 48.
- $4 \div 4 + 4$ is an expression that would equal 5, but it does not contain enough 4's.

Can you get them all???

Number	Expression (put multiple if you can think of them!)	Number	Expression (put multiple if you can think of them!)
0		6	
1		7	
2		8	
3		9	
4		10	
5			
Extras: Other numbers besides 0-10			