ACTIVITY OVERVIEW:
In this activity we will

- Investigate order of operations
- Use 4 fours and the four operations to find equivalent expressions for the whole numbers 1 to 20.
- Investigate the effect of parentheses on expressions


Clear the Home Screen by pressing $-\square$ and the selecting 5: Clear Home. Then press $\beta$. This will clear all previous entries from the Home Screen.

|  |
| :---: |
| 1 -2 |
| 3 - 4 |
| 5 |
| 7 - 8 |
| 9 |
| 11 |
| 13 |
| 15 |
| 17 _ 18 |
| 19 |

Your objective is to find expressions using four 4s and the four basic operations with whole number results from 1 to 20 Record the expressions on the right for your teacher as you discover combinations. Use your results to build answers for other target numbers.

19 _ 20 $\qquad$

|  |  |
| :--- | :--- |
| Here is an expression that gives a result of "0". If you |  |
| are having a problem coming up with expressions that |  |
| work, use this expression and change it to find new |  |
| answers |  |

