

CRAZY CALCULATORS

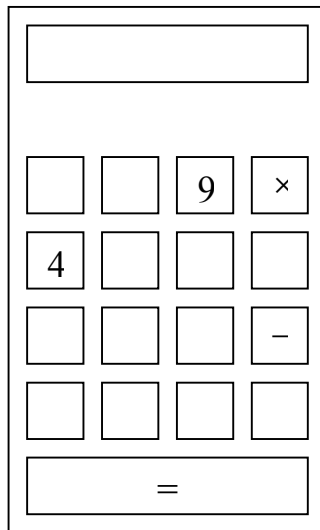
Aims:

This activity gives students some basic practice with negative numbers and the 'order of calculation'.

The calculator shown has most of the buttons removed. You are allowed to use only the buttons that are left.

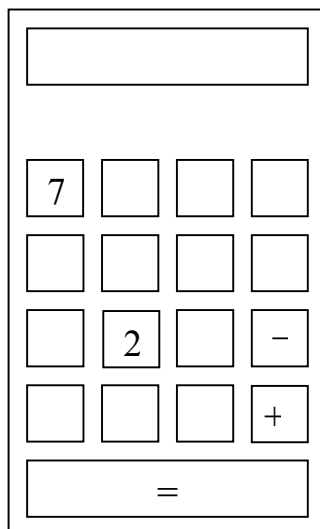
What numbers can you make using only the buttons left?

Start with 1, then 2, then 3, ... etc.



Examples: $9 - 4 - 4 = \{1\}$, $9 - -9 - 4 \times 4 = \{2\}$.

Extension.



Possible answers:

{3}: $4 \times 4 - 9 - 4 =$	{4}: $4 =$
{5}: $9 - 4 =$	{6}: $9 - - 9 - 4 - 4 - 4 =$
{7}: $4 \times 4 - 9 =$	{8}: $4 - - 4 =$
{9}: $9 =$	{10}: $9 - - 9 - 4 - 4.$