**Collatz (3 N + 1)**

**A diagram of a cycle

Description automatically generatedShaimaa Soltan**

**A diagram of a number of numbers

Description automatically generated**

A blue rectangular sign with white text

Description automatically generatedA diagram of numbers and equations

Description automatically generated

A diagram of numbers and symbols

Description automatically generated with medium confidence

A diagram of an equation

Description automatically generated

**A screenshot of a computer

Description automatically generated**

**A blue rectangular sign with white text

Description automatically generated**

A screenshot of a cell phone

Description automatically generatedA table with numbers on it

Description automatically generated A table with numbers on it

Description automatically generated

A screenshot of a table

Description automatically generated**A screenshot of a table

Description automatically generated**

**A table of numbers on a white background

Description automatically generated** **A table of numbers with Watts Towers in the background

Description automatically generated**

**A table of numbers on a white background

Description automatically generated** **A table of numbers on a white background

Description automatically generated**

**A screenshot of a table

Description automatically generated**

**A screenshot of a computer

Description automatically generated**