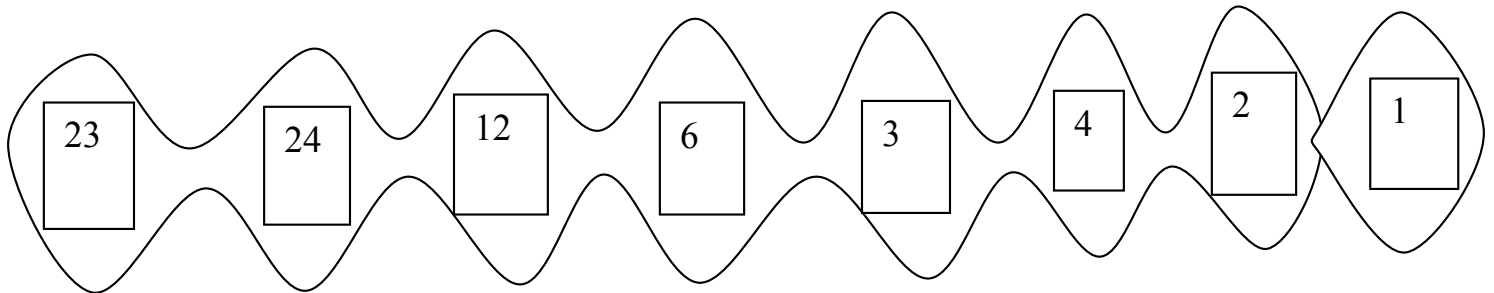


Caterpillars.

Can you make the pattern on the caterpillar by adding 1 when the number is odd or by halving the number when the number is even?



The caterpillar starting with 23 has 8 segments.

- ✓ Can you find the number between 1 and 100 that forms the longest caterpillar?
- ✓ Is it possible to predict which number less than 200 will create the longest caterpillar?
- ✓ Which number less than 1000 will make the longest caterpillar?

Investigate.

