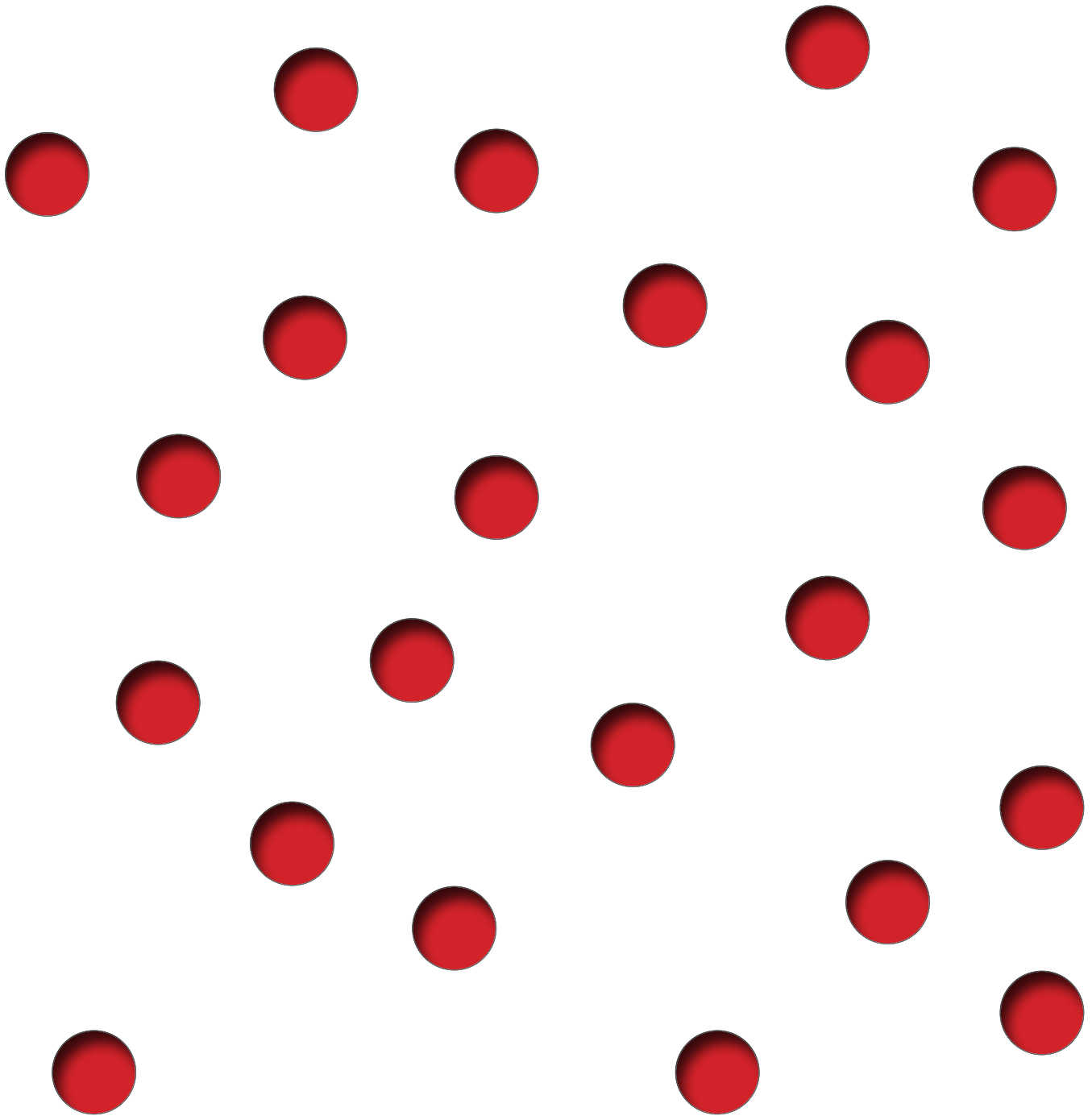# Twenty-two is a Very Interesting number

The Globular Cluster in Sagittarius is Messier 22

Twenty-two

Twenty-two

Twenty-two is an even number, therefore one rectangle. It has no other factors and this makes it a semi-prime.
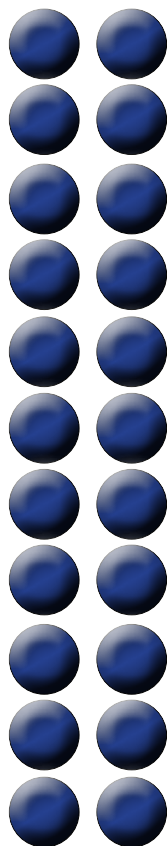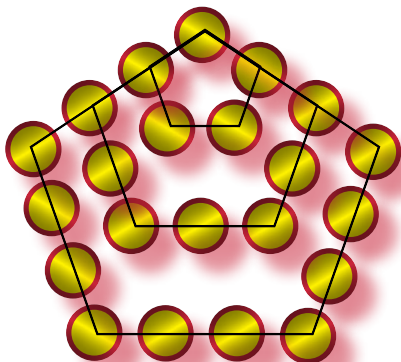
$$2 \times 11 = 22$$

Twenty-two is also a palindrome number, like eleven.

$$22$$

A Pentagonal Number

Twenty-two is a pentagonal number.

Twenty-two yards
= 4 rods

= one chain

22 Yards in a Chain

The Old English measure of one chain is 22 yards. Here are some more English measures:
1 rod = 16 ½ feet
4 rods = 1 chain = 66 feet or 22 yards
10 chains = 1 furlong = 220 yards
80 chains = 8 furlongs = 1 statute mile = 1760 yards = 5280 feet.
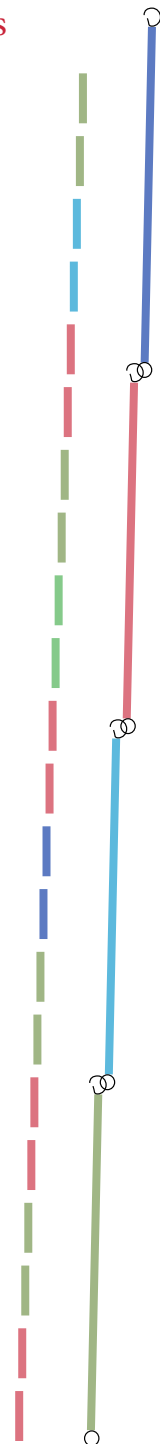See how the old English system uses those wonderful powers of 2!

One acre:

4 rods by 40 rods = 160 square rods = 1 chain by 10 chains = 1 chain x 1 furlong = 10 square chains = 66 feet x 660 feet = 22 yards x 220 yards = 1 acre
The chain is a surveyor's chain from a few thousand up to a few hundred years ago.
The rod is about as tall a rod as a man can well carry, three times his height. In those days, it had also a hook at the end, so rods could be linked into a "chain."
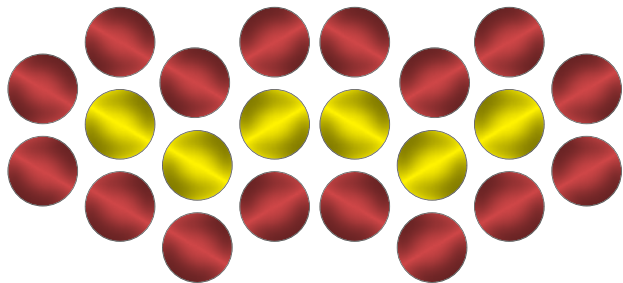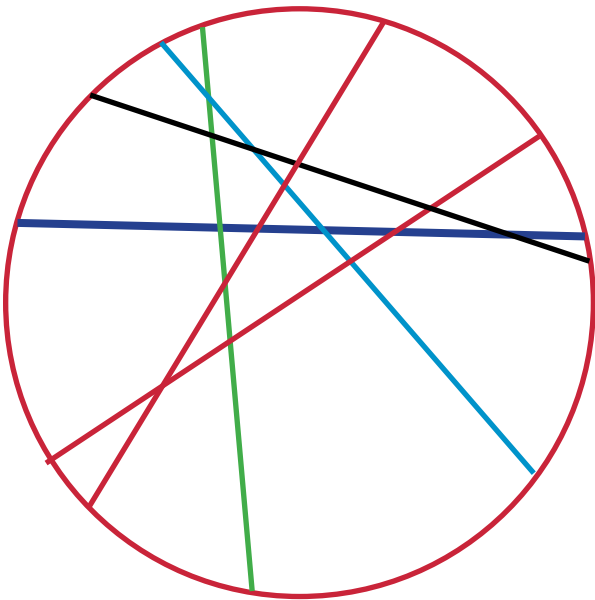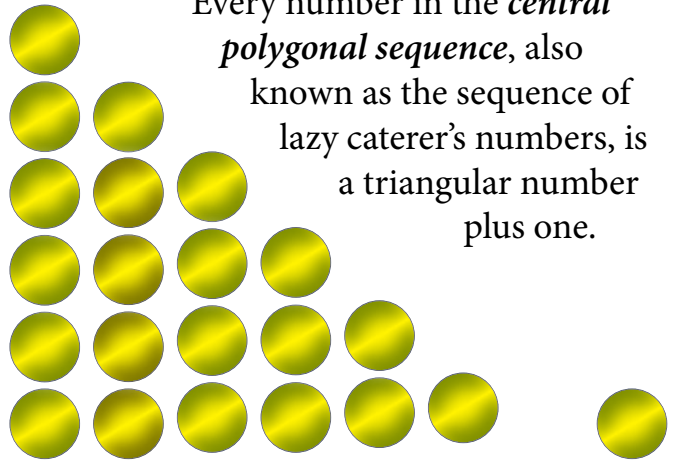In case you wondered!

When cutting a pizza with just six cuts, the maximum number of pieces you can obtain is 22.

The way to get the most cuts is for each successive cut to intersect with all previous cuts but **never** cross an intersection of previous cuts.

The Central Polygonal Sequence

Every number in the *central polygonal sequence*, also known as the sequence of lazy caterer's numbers, is a triangular number plus one.

cuts	max #
0	1
1	2
2	4
3	7
4	11
5	16
6	22
7	29

Some Patterns of 22