By selecting a video and an article, you will have to explain what the Golden Ratio is.

You can choose some illustrations to help understand.

VIDEO :.....

List 5 words from this video, add their definition :

1/
2/
3/
4/
5/

https://www.insider.com/fibonacci-sequence-helps-with-miles-and-km-conversions-2017-9?amp

Article: what are the practical applications of Fibonacci numbers?

$F(n) = 1,618 * F(n-1)$

mile and km ratio = 1,609

the Fibonacci is sequence of a series of numbers, 1, 1, 2, 3, 5, 8, 13, 21, 34, 54 how does it works, a + b = c

Fibonacci's number series imitates the ration between miles and kilometres 5 miles roughly equal to 8km

13 miles → 21 km

- This occurs bc the golden ratio very closely matches the ratio between miles & kilometres

1p quirk: an unusual thing (habit, behaviour), something strange and unexpected

2p imperial system: system of measurement in use in the UK and other Commonwealth country

3. invariably: always

4. vice-versa: used to say that what you have just said is also true in the opposite order (He doesn't trust her, and vice versa)

5. particularly: especially, more than usual

15km = 13km + 2km

13km → 8mile

2km → 1mile

15km → 8 + 1 = 9mile

Ex 170km

170km = 10 * 17km

17km = 13km + 2km + 2km

= 8 + 1 + 1

= 10miles (approximately)

170km = 10 * 10miles = 100miles

as we move toward bigger numbers in Fibonacci series, the consecutive number grows as:

$$\Rightarrow F(n) = 1,618^{n} F(n-1)$$