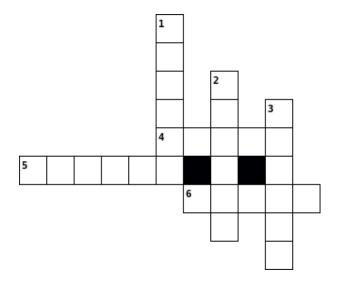
BBC A History of Ideas, "The Golden Ratio: Possibly the best rectangle in the world"

https://www.bbc.co.uk/programmes/p02bllqm

Listen to the video and fill-in the blank words

Draw a Measure halfway along the bottom side of the square.	Halfway=mi-chemin
Now draw a semi-circle, using that as its centre, cutting through the	Upper right corner= le coin
upper right corner of the square.	supérieur droit
Mark the point where the circle crosses the extension of the bottom part of	
the square. Draw a perpendicular line up from that – got it!	Got it (familiar)=compris!
Now join everything up. Youhave a rectangle in which the	Join up everything=rejoignez
side is 1.6180 (one point six one eight oh) the number goes on but this is roughly	tout
it, times the of the rest of the long side. Congratulations, you have	Times=fois (two times three
drawn a Golden Rectangle. The proportions, usually known as the golden ratio, or	equals six: 2 x 3 = 6)
golden section are particularly pleasing – beautiful even.	
The ratio has satisfying For instance, we have seen that	
A to B is approximately 1.6180, times as long as B to C. But what you might not	
have realised is that A to C is approximately 1.6180, look you get the point, times	
as long as A to B. Also the mini-rectangle that you form the main	Realised=realise, compris
rectangle, when you drew the perpendicular, has exactly the same proportions as	
the big Golden Rectangle that you first constructed. If you join up the dots , you get	Draw,drew, drawn=dessiner
athat is very similar to a nautilus shell . It is a pattern that	Dots=points
occurs in many plants and animals.	Nautilus shell=coquille de
The golden ratio isn't just found in nature. Artists and architects have	nautile
knowingly used it for of years. Parts of the Parthenon and	Knowingly used=utiliser
Notre Dame Cathedral seem to be based on it.	sciemment
If there were a beauty contest for rectangles, it would be no surprise if the	beauty contest=concours de
Golden Rectangle won.	beauté



Across

- 4. Relation in degree or number between two similar things.
- 5. Something, such as a ring, shaped like such a plane curve.
- 6. dot

Down

- 1. A polygon having four equal sides and four equal angles.
- 2.lower side.
- 3.the place where two converging lines or surfaces meet.