

## Ancient Einsteins | Ancient Impossible

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Review:

**(Ecclesiastes 1:9-11)** "The thing that hath been, it *is that* which shall be; and that which is done *is that* which shall be done: and *there is* no new *thing* under the sun. **{10}** Is there *any* thing whereof it may be said, See, this *is* new? it hath been already of old time, which was before us. **{11}** *There is* no remembrance of former *things*; neither shall there be *any* remembrance of *things* that are to come with *those* that shall come after."

### Air, Water & Time

1. The most extraordinary minds were said to have originated in \_\_\_\_\_.
2. The knowledge of compressed air came from \_\_\_\_\_.
3. What does air have \_\_\_\_\_ and \_\_\_\_\_.
4. Where did Ctesibius come up with the knowledge of compressed air \_\_\_\_\_.
5. What did Ctesibius invent \_\_\_\_\_.
6. The invention of the water pump lead to the first \_\_\_\_\_.
7. Who commissioned Ctesibius? \_\_\_\_\_
8. The next invention of Ctesibius was \_\_\_\_\_.
9. This was the most accurate clock for \_\_\_\_\_.

## Robotics

10. The father of robotics was

\_\_\_\_\_.

11. Philon of Byzantium's invented what deadly invention?

\_\_\_\_\_.

12. One of the robots Philon invented, was a \_\_\_\_\_ who could \_\_\_\_\_ and what could she do?

13. Another invention of Philo was the

\_\_\_\_\_, This technology is used where today \_\_\_\_\_, and is called a \_\_\_\_\_.

14. The invention of \_\_\_\_\_ was used in temples to display the power of the gods.

15. Heron invented the \_\_\_\_\_, an invention used in homes today.

16. Heron also invented the \_\_\_\_\_.

17. Heron also invented the \_\_\_\_\_.

18. Heron made an automated \_\_\_\_\_, a precursor to the \_\_\_\_\_.

19. What deadly inventions did Archimedes invent?

\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, and  
\_\_\_\_\_.

20. What invention of Archimedes makes water travel uphill, the

\_\_\_\_\_.

21. While in the bathtub Archimedes came up with the law of

\_\_\_\_\_.

22. Archimedes made the \_\_\_\_\_ that makes lifting something much easier.

# Ancient Einsteins

## Answer Key:

1. Alexandria
2. Ctesibius
3. Mass and pressure
4. A barbershop
5. The water pump
6. The first fire engine.
7. Ptolemy II
8. The water clock
9. 2,000 years
10. Philon of Byzantium
11. The repeating crossbow (ancient machine gun)
12. Maid, pour water and wine into a bowl
13. The eight-sided inkpot, airplanes, gyroscope
14. Heron
15. Automatic doors
16. A coin-operated machine
17. The vending machine
18. Theater, television
19. The death ray, a canon that used the power of steam, immense catapults to attack enemy ships, and a giant claw that would pull them from the sea.
20. Archimedes screw
21. The law of Buoyancy
22. The pulley system