

AXE QUIZ

EPISODE 14

A. Choose the correct answer

1. What is relativity?

- A) A spaceship.
- B) A relationship between time and space.
- C) A planet out of our solar system.
- D) The name of the town where they came from.

2. What measures the time best?

- A) the watch Swatch..
- B) movements of the moon.
- C) the vibration of Cesium element.
- D) the vibration of potassium elements.

3. Axebug added the atomic number of Cesium element to the name of the spaceship because when he was building the spaceship _____ .

- A) 55 was his lucky number.
- B) he dreamt to travel in space and time.
- C) he was 55 years old.
- D) he was doing various experiments with Cesium.

4. According to Einstein, how does gravitational force affect time?

- A) Time can not be measured when gravitational force increases.
- B) Time can not be measured when gravitational force decreases
- C) Time runs faster when gravitational force decreases
- D) Time runs slower when gravitational force increases.

5. What is the name of the paradox of the theory of relativity?

- A) Twice paradox
- B) Twin paradox
- C) Relativity Paradox
- D) Gravitational Paradox

B. Listen and fill in the gaps. («9»)

AXEBUG : First thing is first. How do we measure time?

LADYBUG : There are _____ of ways used in history.

AXEBUG : We measured the earth's turn, right?

DUNG BEETLE : The earth turns around it's _____ in 24 hours.

LADYBUG : Or we divided it into 24 hours...

DUNG BEETLE : What?

LADYBUG : Why are you _____? I just gave a second _____.

DUNG BEETLE : Then, an hour is 60 minutes.

LADYBUG : So we divided 1 hour into 60.

AXEBUG : Great! Now you are looking from _____ point of view too.

DUNG BEETLE : We divided a minute into 60 and called it seconds.

DUNG BEETLE : We said that 60 _____ make a minute.

DUNG BEETLE : I have never seen it from this side.

LADYBUG : What about year and _____, beetle?

DUNG BEETLE : Earth turns _____ the sun in 12 parts. We call month to each of them.

DUNG BEETLE : And then, we divided every part to 30. We named it a day.

DUNG BEETLE : This helped us understand time.

AXEBU : We don't have a _____ of slowing earth's turn.

DUNG BEETLE : Then, time _____ exactly the same for everybody around the world.

LADYBUG : Yeah.

C. Match the words with their definitions.

1. Point of view	A. To give encourage someone enough excitement to start or complete a task.
2. Inspire	B. Speed of a heart beat.
3. Heart Rate	C. Common or regular.
4. Trouble	D. Looking at an issue more differentlyPerspective, opinion on something.
5. Ordinary	E. A type of disturbance, worry.

AXEBUG
SPACE ADVENTURE

D. Unscramble the words.

1. WTIN _____
2. RAOPAXD _____
3. OZO _____
4. GANEL _____
5. ONZE _____
6. SEUMOURON _____
7. NITOMO _____
8. EMTELNE _____
9. OCLCK _____
10. EREGDE _____

E. Listen and Repeat.

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