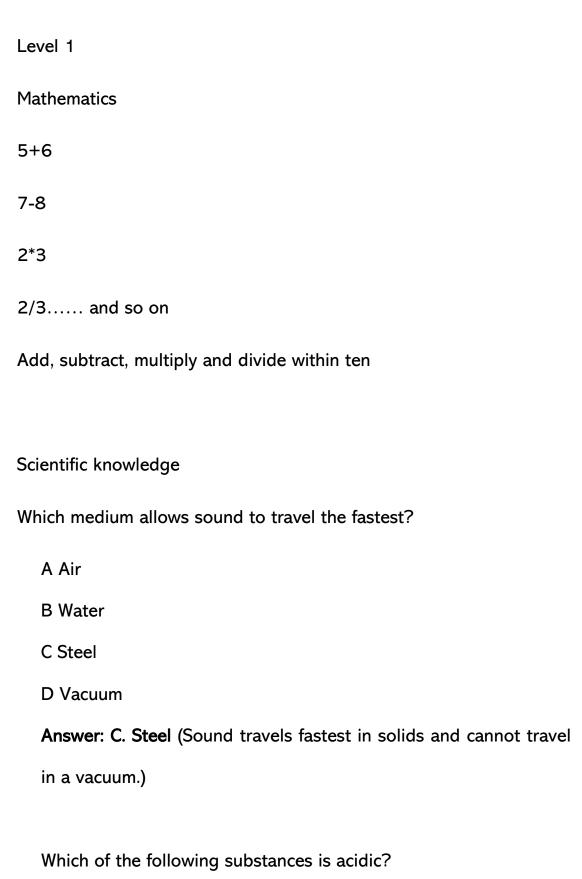
Question Design



A. Saltwater B. Vinegar C. Baking soda solution D. Pure water Answer: B. Vinegar (Vinegar contains acetic acid, making it acidic.) What causes iron (Fe) to rust? A. Exposure to oxygen and water B. High temperature C. Sunlight D. Contact with other metals Answer: A. Exposure to oxygen and water (Iron oxidizes in the presence of water and oxygen, forming rust.) Which of the following is NOT a mammal? A. Dolphin B. Penguin C. Kangaroo

What are the main products of photosynthesis?

Answer: B. Penguin (Penguins are birds, not mammals.)

D. Wolf

- A. Oxygen and glucose
- B. Oxygen and carbon dioxide
- C. Carbon dioxide and glucose
- D. Water and carbon dioxide

Answer: A. Oxygen and glucose (Photosynthesis produces glucose and releases oxygen.)

Computer Science

What is the main function of a computer's Central Processing Unit (CPU)?

- A) Store data
- B) Process information and execute instructions
- C) Display images
- D) Connect to the internet

Answer: B) Process information and execute instructions

What is the main function of a computer's Central Processing Unit (CPU)?

- A) Store data
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C) Display images
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Answer: B) Process information and execute instructions
The binary system used by computers consists of which two
numbers?
A) O and 2
B) 1 and 2
C) O and 1
D) 2 and 3
Answer: C) 0 and 1
Which part of the computer is responsible for displaying images?
A) CPU
B) Monitor
C) Keyboard
D) Mouse
Answer: B) Monitor

What is the function of the keyboard?
A) Display images
B) Play sounds
C) Input data into the computer
D) Connect to the internet
Answer: C) Input data into the computer
Level 2
Mathematics
1+21
1-32
4*23
21/7 and so on
Add, subtract, multiply and add, subtract, multiply and subtract one and two digits

Scientific knowledge

Why does the Sun appear yellow?

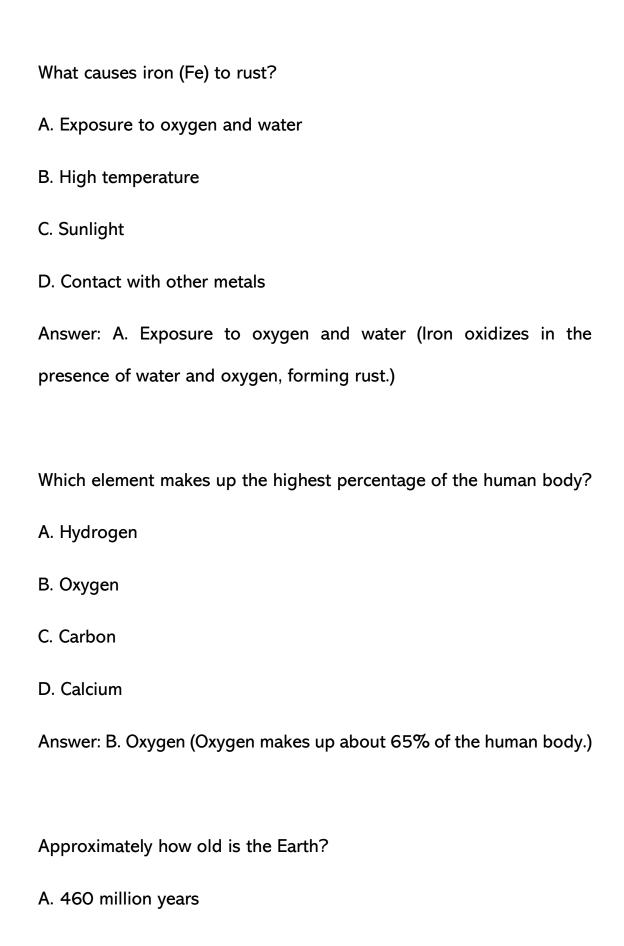
- A. Because the Sun's internal temperature is low
- B. Because Earth's atmosphere scatters blue light, making the Sun look yellow
- C. Because the Sun only emits yellow light
- D. Because nuclear fusion produces yellow substances

Answer: B. Because Earth's atmosphere scatters blue light, making the Sun look yellow (Rayleigh scattering causes this effect.)

What is the chemical formula of water?

- A. H_2O_2
- B. H₂O
- $C. O_2H$
- D. HO₂

Answer: B. H₂O (Water consists of two hydrogen atoms and one oxygen atom.)



B. 4.6 billion years
C. 46 billion years
D. 46 million years
Answer: B. 4.6 billion years (Scientific studies estimate Earth's age at about 4.6 billion years.)
Computer Science
Which of these should you NEVER share online?
A) Your favorite color
B) Your home address
C) A funny meme
D) The name of your favorite game
Answer: B) Your home address
What does "https" in a website address mean?
A) The website is safe and uses encryption
B) The website is only for games

C) The website is fake
D) The website will give you a virus
Answer: A) The website is safe and uses encryption
What should you do if a stranger messages you online?
A) Reply and give them your information
B) Ignore or block them
C) Tell them your home address
D) Click on any links they send you
Answer: B) Ignore or block them
15. If a light switch is OFF and you flip it ON, what happens?
A) The light turns off
B) The light turns on
C) The computer shuts down
D) The internet stops working

Answer: B) The light turns on

Level 3

Mathematics

22+23

24-14

11*23

141/11.....

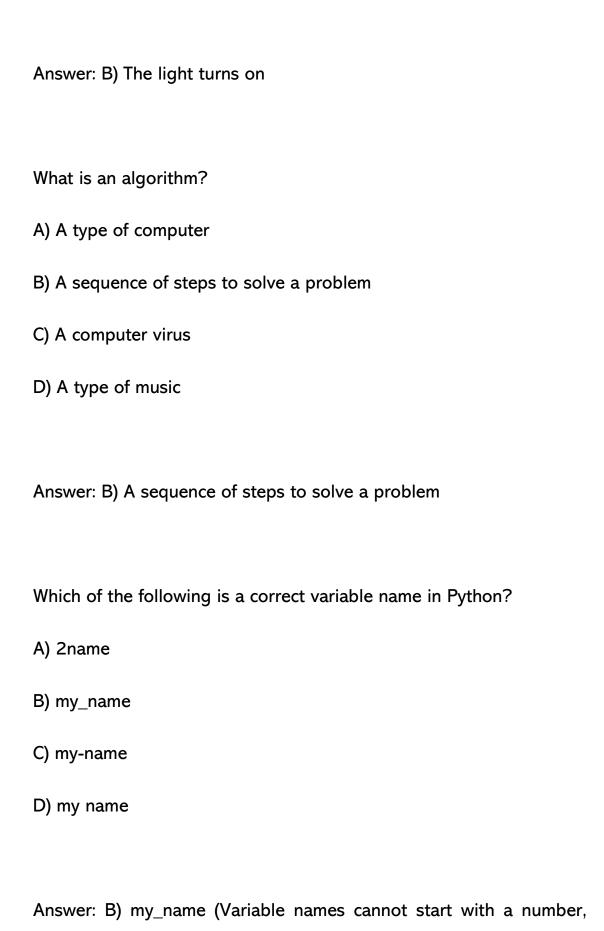
Add, subtract, multiply, and divide between two digits

Scientific knowledge

What are the main products of photosynthesis?
A. Oxygen and glucose
B. Oxygen and carbon dioxide
C. Carbon dioxide and glucose
D. Water and carbon dioxide
Answer: A. Oxygen and glucose (Photosynthesis produces glucose and
releases oxygen.)
What is the longest river in the world?
What is the longest river in the world? A. Amazon River
A. Amazon River
A. Amazon River B. Yangtze River
A. Amazon River B. Yangtze River C. Nile River
A. Amazon River B. Yangtze River C. Nile River D. Mississippi River
 A. Amazon River B. Yangtze River C. Nile River D. Mississippi River Answer: C. Nile River (The Nile River is about 6,650 km long, making

A. North
B. South
C. East
D. West
Answer: C. East (The Sun typically rises in the east and sets in the west.)
What is the unit of electric current?
A. Volt (V)
B. Ampere (A)
C. Ohm (Ω)
D. Watt (W)
Answer: B. Ampere (A) (Ampere is the SI unit of electric current.)
Which part of a plant is mainly responsible for photosynthesis?
A. Roots
B. Stem
C. Leaves
D. Flowers

Answer: C. Leaves (Leaves contain chlorophyll, which is essential for
photosynthesis.)
Which planet is known as the "Red Planet"?
A. Venus
B. Jupiter
C. Mars
D. Saturn
Answer: C. Mars (Mars appears red due to iron oxide (rust) on its
surface.)
Computer Science
If a light switch is OFF and you flip it ON, what happens?
A) The light turns off
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C) The computer shuts down
D) The internet stops working



contain spaces, or use -)
What do robots use Artificial Intelligence (AI) for?
A) Only storing data
B) Only following simple commands
C) Analyzing data and making decisions
D) Only playing music
Answer: C) Analyzing data and making decisions
What is a computer virus?
A) A harmful program that can damage a computer
B) A computer's firewall
C) A part of the computer system
D) A computer's operating system
Answer: A) A harmful program that can damage a computer