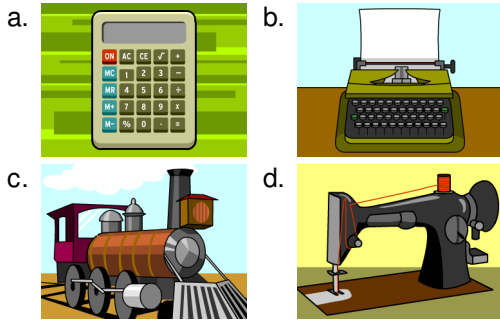


1. How is our number system different from the binary system?

- a. Our number system is base-5; the binary system is base-3
- b. Our number system is base-10; the binary system is base-2
- c. Our number system is base-10; the binary system is base-1
- d. Our number system is base 100; the binary system is base-2

2. Which of the following devices uses binary code?



3. How would you write the number two in binary?

- a. 1001
- b. 0000
- c. 0001
- d. 0010

4. How high can you count in binary?

- a. As high as you want
- b. Up to 2
- c. Up to 100
- d. Up to one million

5. What type of test is most similar to binary?

- a. An essay test
- b. Multiple choice
- c. True or false
- d. Fill-in-the-blanks

6. Your computer's code for the letter A is 01000001. Can you infer what the letter B would be?

- a. 10010
- b. 01010110
- c. 01000010
- d. 00000001

7. Which of the following numbers is a power of 2?

- a. 6
- b. 10
- c. 16
- d. 20

8. In astronomy, there's a type of star system called a binary star. What can you infer about a binary star from its name?

- a. It is an extremely complicated star system
- b. It contains a series of switches
- c. It is a computerized star system
- d. It contains two stars

9. What is the main function of binary code?

- a. Turning switches on and off.
- b. Allowing computers to represent and store data.
- c. Providing a gateway into higher mathematics.
- d. Allowing computers to interact with humans.

10. How would you write the number 4 in binary code?

- a. 0100
- b. 0000
- c. 0001
- d. 0010