Name: _____   **Date:** _____

Sparky's Silver Circuit Hunt: 1st Grade AI Quiz

Young learners identify how smart machines use patterns and sensors to help us at home and in the classroom.

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1. Imagine a robot that sorts colorful socks. How does the robot know which socks go together?

    A.   By guessing randomly
    B.   By looking for patterns in colors
    C.   By eating the socks
    D.   By asking the cat

2. True or False: A computer can learn how to play a new game.

    A.   True
    B.   False

3. A smart tablet that moves to your voice is using its _____ to hear you.

    A.   Crayons
    B.   Sandwich
    C.   Microphone
    D.   Shoes

4. Which of these is a 'smart' machine that uses AI to help at home?

    A.   A wooden chair
    B.   A vacuum that moves by itself
    C.   A metal spoon
    D.   A paper book

5. True or False: Robots have a real brain exactly like a human person.

    A.   True
    B.   False

6. When a computer looks at a picture of a dog and says 'Dog!', it is recognizing a _____.

    A.   Cloud
    B.   Song
    C.   Shape
    D.   Secret

7. What does a computer need to look at many times to learn what a cat looks like?

    A.   Photos of cats
    B.   Bowls of milk
    C.   Ball of yarn

    D. Pictures of cars

8. If you tell a smart speaker to play music, it must _____ to your words.

    A. Dance

    B. Listen

    C. Sleep

    D. Paint

9. True or False: AI can help doctors find out why someone feels sick.

    A. True

    B. False

10. How does a smart car know when to stop?

    A. It waits until it runs out of gas

    B. It uses a camera to see a red light

    C. It stops whenever it is tired

    D. It follows a trail of breadcrumbs