

Name: _____ Date: _____

Blast Basic Bot Brains: First Grade AI Analysis

Can a computer think like a student? High-level evaluation scenarios for young learners to use as a challenging morning work or science inquiry station.

1. If you show a robot 100 pictures of cats, but then show it a picture of a tiger, why might the robot think the tiger is a cat?

- A. The robot is playing a silly trick on humans.
- B. Tigers have stripes and cats have spots.
- C. The robot only learned from what it saw before.
- D. The robot forgot how to see the picture.

2. True or False: If an AI tool makes a mistake, it is because the person who taught it gave it bad information or not enough examples.

- A. True
- B. False

3. To help a computer recognize a 'Healthy Snack,' the best ____ to give it would be photos of apples, carrots, and bananas.

- A. Music
- B. Data
- C. Batteries
- D. Games

4. Imagine a robot that sorts recycling. If someone puts a dirty pizza box in the bin, how does the robot decide what to do?

- A. It uses its nose to smell the cheese.
- B. It asks its robot friends for help.
- C. It compares the box to pictures it was taught.
- D. It just guesses and picks a random bin.

5. A human can feel happy or sad, but an AI is just a ____ that follows instructions very quickly.

- A. Person
- B. Animal
- C. Machine
- D. Ghost

6. Which of these tasks is the MOST difficult for an AI to do because it requires real human feelings?

- A. Solving a hard math problem
- B. Knowing if a story is funny or sad
- C. Sorting buttons by color

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D. Telling the time on a clock

7. True or False: A smart speaker hears your voice and turns it into code so it can find the right answer.

- A. True
- B. False

8. When a computer program gets better at a game the more it plays, we call this 'Machine ____.'

- A. Running
- B. Learning
- C. Sleeping
- D. Eating

9. If you want an AI to draw a 'Super Hero,' what must you give the computer first?

- A. Pencils and paper
- B. A cape to wear
- C. Examples of other hero drawings
- D. A snack to keep it awake

10. True or False: Scientists use AI to help find new medicines because the AI can look through information much faster than a person can.

- A. True
- B. False