Name: _____   Date: _____

Answer Key: Do Robots Dream of Juice Boxes? Pre-K Intro to AI Quiz

Little learners identify how smart machines help us sort toys and recognize faces through basic recall exercises.

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1. Imagine a robot that sorts your blocks by color. How does the robot know which block is red?

Answer: A) It uses its 'eyes' (sensors) to see and learn colors

> AI machines use sensors, like cameras, to see information and make choices based on what they were taught.

2. True or False: A smart tablet can learn to recognize your face to unlock the screen.

Answer: A) True

> Facial recognition is a type of AI that learns patterns in a person's face.

3. When a computer game gets harder because you are playing so well, the computer is _____.

Answer: B) Learning

> AI can change and 'learn' based on what a person does while playing a game.

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

Answer: C) A robot vacuum that avoids furniture

> A robot vacuum uses AI sensors to map out a room and avoid bumping into things.

5. True or False: AI robots can think exactly like humans and have feelings like being sad or happy.

Answer: B) False

> AI mimics how humans solve problems, but they do not have real hearts or feelings like people do.

6. To help an AI recognize a dog, we need to show it many _____ of dogs.

Answer: A) Pictures

> AI learns by looking at many examples, like photos, to understand what something looks like.

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7. If you speak to a smart speaker and it plays your favorite song, what is the speaker doing?

Answer: B) Using AI to understand your voice

Smart speakers use voice recognition AI to turn your spoken words into actions.

8. True or False: A normal toaster that just pops up bread uses Artificial Intelligence.

Answer: B) False

A simple toaster follows a timer; it doesn't learn or solve complex problems like AI does.

9. AI is like a 'brain' for a _____.

Answer: B) Computer

We often describe AI as a way to give computers a way to 'think' or process information.

10. Who teaches the AI machines how to work?

Answer: D) People (Programmers)

Human beings write code and provide data to teach AI how to do its job.