

B.

1. a baby
2. A baby boy with light brown hair and blue-gray eyes. He's around 7 months old and is wearing a multicolored striped, white polo shirt with the color's salmon, olive green, turquoise, and mustard yellow. He is wearing navy-blue sweatpants. He has a pale skin tone. He is moving fastly and can already crawl. He is trying to stand up and can with leaning on another object. He has longer hair and needs a diaper change immediately. He has a tiny little scar on his arm due to scratching himself. His diaper is rather heavy, since he just ate chicken for the very first time. He is making sounds that indicate hunger which means it is time to make him some warm milk.
3.
 - **Age:**
approximately 7 months old
 - **Physical appearance:**
Hair color: light brown
Eye color: blue gray
Skin tone: pale
Hair color: longer
 - **Gender:**
Male
 - **Clothing:**
Navy-blue sweatpants
White striped multicolor polo shirt
 - **Development:**
Able to crawl and move quickly
Has longer hair
 - **Communication:**
Vocalization: Making sounds indicating hunger
White striped polo shirt
 - **Feeding:**
Chicken
Warm milk
 - **Activities:**
Movement
Exploration: Attempting to stand up, showing curiosity.
 - **Hygiene:**
Diaper: needs a diaper change
 - **Physical markings:**
Scar: a tiny scar on his arm
4. Does the introduction of solid foods, such as chicken, have a discernible effect on the frequency of diaper changes and hunger-related vocalizations in infants around 7 months of age, when variables such as hair color, eye color, and clothing are taken into account?

C.

1. Climate change
2. Climate change is a global phenomenon. It is marked by long-term alterations on the Earth's climate and atmosphere. Primarily driven by human activities, especially the emissions of gases like carbon dioxide and carbon monoxide. These emissions cause the heat in the atmosphere to be trapped, which causes rising global temperatures, turbulent weather patterns, and increased instances of weather extreme conditions. Climate change contributes to melting polar ice, rising sea levels, and disruptions to ecosystems. Its impacts are far reaching, affecting agriculture, water resources, biodiversity, and human health. Recognized as a critical environmental challenge, efforts to mitigate climate change involving reducing emissions, transitioning to renewable energy sources, and adopting sustainable practices to safeguard the planet's future.
3.
 - Global Temperature
 - Sea Level Rise
 - Extreme Weather Event
 - Carbon Emissions
 - Ice Melt
 - Species Extinction Rates
 - Temperature Anomalies
 - Economic Costs
 - Forest Cover Change
 - Glacial Retreat
4. What is the relationship between the increase in carbon emissions and the frequency of extreme weather events worldwide over the past century, and how does this effect the global temperature and sea level rise?

