

WHAT'S FOR LUNCH? BLUE

The cafeteria of Amos High School serves lunch every school day. Unfortunately, it has very limited options of what to serve. They use the following rules to determine what to serve each day:

Rules

- #1)** On the first Monday of each month, the cafeteria serves turkey pot pie, apple juice, and cherry pie.
- #2)** On odd number days, the cafeteria serves apple juice.
- #3)** On even number days (unless it is the first Monday of the month), the cafeteria serves orange juice.
- #4)** What they serve for dessert depends on the day of the week as follows:
 - (a)** Monday—cherry pie
 - (b)** Tuesday—chocolate cake
 - (c)** Wednesday—peanut butter cookie
 - (d)** Thursday—vanilla pudding
 - (e)** Friday—chocolate chip cookie
- #5)** The cafeteria rotates entrées in the following order:
 - (a)** ham sandwich
 - (b)** pizza
 - (c)** hamburger
 - (d)** chicken fingers
 - (e)** hot dogs
 - (f)** spaghetti & meatballs
 - (g)** grilled cheese
 - (h)** fried chicken

On Tuesday, October 2nd, the cafeteria served ham sandwiches. Use this fact and the rules above to make predictions on the next page.

Predictions

- 1) Predict what will be served in this cafeteria on October 24th. Explain your reasoning.

- 2) Predict what will be served in this cafeteria on October 29th. Explain your reasoning.

- 3) Predict what will be served in this cafeteria on November 5th. Explain your reasoning.

- 4) Predict what will be served in this cafeteria on December 15th. Explain your reasoning.

- 5) On a scale of 1–5, where 5 is 100% sure, how confident are you of your predictions? Explain your reasoning.