

Logic Puzzles Challenge

#4



The Fruit Basket Puzzle

Puzzle: Four kids (Emma, Frank, Grace, and Henry) each have a favourite fruit: apple, banana, cherry, and orange.

Use the clues to determine each kid's favourite fruit.

- 1. Emma's favourite fruit is not an apple or a cherry.**
- 2. Frank loves bananas.**
- 3. Grace's favourite fruit is not cherry.**
- 4. Henry's favourite fruit is orange.**



The Fruit Basket Puzzle



Solution:

- Clues Breakdown:

- a. Emma \neq Apple, Emma \neq Cherry
- b. Frank = Banana
- c. Grace \neq Cherry
- d. Henry = Orange

- Deductions:

- Frank loves bananas.
- Henry loves orange.
- Emma's favourite fruit cannot be apple or cherry, so it must be orange or banana, but banana is taken by Frank and orange by Henry.
- Emma must like the remaining fruit, which is apple.
- Grace cannot like cherry or apple, so she must like the remaining fruit, which is cherry.

Final Placement:

- Emma: Apple
- Frank: Banana
- Grace: Cherry
- Henry: Orange

