

◆ **Q1. Cutting the Halwa: Ramesh cuts a piece of halwa into equal parts.**

✔ **Answer:**

1. First he cuts it into **2 equal parts**:
 - Ammu and Anu get $\frac{1}{2}$ each.
2. Then he cuts each half into **2 more parts**:
 - Each gets: $\frac{1}{2} \div 2 = \frac{1}{4}$ of the whole halwa
3. Again halwa is cut smaller:
 - If each $\frac{1}{4}$ is cut into 2 $\rightarrow \frac{1}{4} \div 2 = \frac{1}{8}$ each
 - Ammu gets: 2 pieces = $\frac{2}{8} = \frac{1}{4}$

📌 **Conclusion:**

- 1st cut: $\frac{1}{2}$
- 2nd cut: $\frac{1}{4}$
- 3rd cut: $\frac{1}{8}$ per piece

◆ **Q2. Ramu's Vegetable Field is divided into 9 equal parts.**

✔ **Answer:**

1. **Biggest part:** Tomatoes ($\frac{4}{9}$ of the field)
2. **Potatoes:** $\frac{2}{9}$ of the field
3. **Spinach:** $\frac{2}{9}$ of the field
4. **Brinjals:** $\frac{1}{9}$ of the field

📌 Total = $4 + 2 + 2 + 1 = 9/9$ = whole field

◆ **Q3. Distribute vegetables among friends:**

Aboobacker gets:

- $\frac{1}{5}$ of tomatoes
- $\frac{2}{5}$ of potatoes

Srija gets:

- $\frac{1}{3}$ of tomatoes
- $\frac{3}{6}$ of potatoes

Nancy gets the rest

✔ **Answer (if total tomatoes = 90, potatoes = 90):**

- Aboobacker:
 - Tomatoes = $\frac{1}{5} \times 90 = 18$
 - Potatoes = $\frac{2}{5} \times 90 = 36$
- Srija:
 - Tomatoes = $\frac{1}{3} \times 90 = 30$
 - Potatoes = $\frac{3}{6} \times 90 = 45$

- Nancy:
 - Tomatoes = $90 - (18+30) = 42$
 - Potatoes = $90 - (36+45) = 9$
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◆ Q4. Colouring Circle Game

Each player draws a circle and colours parts based on tokens.

Tokens include:

- $1/2, 1/3, 1/4, 1/6, 1/12, 2/12, \dots, 11/12$

✅ How to Win:

- First to colour **the whole circle** (complete 1) wins.

✅ Answer:

- Add up parts to make 1 (e.g., $1/2 + 1/4 + 1/4 = 1$)
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◆ Q5. From a Part to the Whole – Petals and Fans

1. **Petal flower (1 part given)** → Complete to make total of 6 petals (if $1/6$ shown)
2. **Fan blades ($1/3$ shown)** → Complete to total 3 blades
3. **Another fan ($1/2$ blades shown)** → Complete to show all blades

✅ Answer:

- Understand symmetry and complete shapes using fractions shown
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◆ Q6. Equal Fractions Activity

Compare:

$$1/2 = 2/4 = 3/6 = 4/8 = 5/10$$

✅ Answer:

Yes, all are **equivalent fractions**

◆ Q7. Puzzle: Daughters and Camels

Mother's will:

- Eldest: $1/2$
- Second: $1/4$
- Third: $1/5$

Total camels = 19

Aunt adds her camel → 20

✅ Distribution:

- Eldest = $1/2 \times 20 = 10$
- Second = $1/4 \times 20 = 5$
- Third = $1/5 \times 20 = 4$

🧠 Total: $10 + 5 + 4 = 19$

So aunt gets her camel back!