

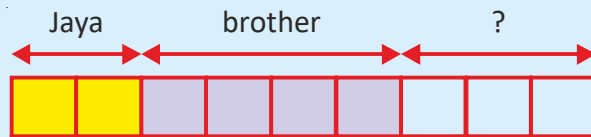
01 Harini cut a swiss roll into 9 equal pieces. She gave 2 pieces to Jaya and $\frac{4}{9}$ of the swiss roll to her brother. Harini then ate the remaining pieces. What fraction of the swiss roll did Harini eat ?



$$1 = \frac{9}{9}$$

$$\frac{9}{9} - \frac{2}{9} - \frac{4}{9} = \frac{3}{9}$$

Harini ate $\frac{3}{9}$ of the swiss roll



02 Mrs. Janu cut a cake into 4 equal pieces. She ate 1 piece of cake and the remaining cake was shared equally among her 3 children. What fraction of the cake did each child get ?



$$\text{Pieces of cake left} = 4 - 1 = 3$$

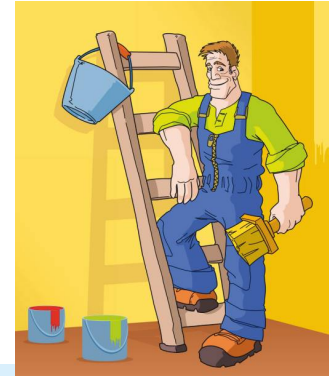
$$\text{Number of pieces of cake each child got} = 3 \div 3 = 1$$

$$\text{Fraction of cake each child got} = \frac{1}{4}$$

Each child got $\frac{1}{4}$ of the cake

03

Mr Ram painted $\frac{1}{11}$ of his house on Monday and $\frac{2}{11}$ of it on Tuesday. On Wednesday, he painted twice as much as on Tuesday. What fraction of the house did he paint altogether in 3 days ?



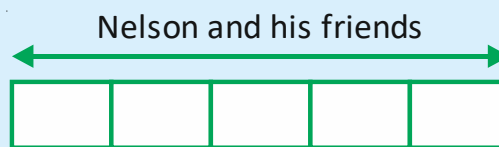
$$\frac{2}{11} + \frac{2}{11} = \frac{4}{11} \text{ (Wednesday)}$$

$$\frac{1}{11} + \frac{2}{11} + \frac{4}{11} = \frac{7}{11}$$

He painted $\frac{7}{11}$ of the house altogether in 3 days

04

Nelson bought a cake and shared it equally with some of his friends. If each of his friends received $\frac{1}{5}$ of the cake, how many friends did Nelson share the cake with ?

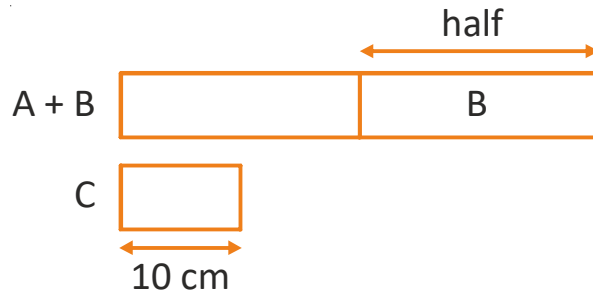


Since each friend received $\frac{1}{5}$ of the cake, $5 - 1 = 4$

Navneeth shared the cake with 4 friends

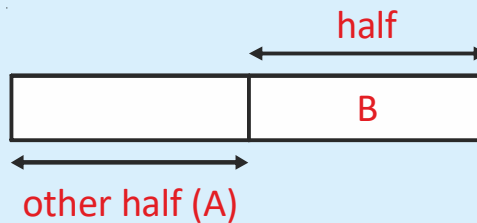
05

I have 2 sticks, A and B. The length of Stick B is half the total length of Stick A and Stick B. Stick A is twice as long as another stick, Stick C, which is 10 cm long.



(Find the length of Stick A first)

Stick B is half of Stick A + Stick B means that Stick A must be equal to Stick B.



Stick C is 10 cm long

Stick A is twice as long as Stick C means that

Stick A is $2 \times 10 = 20$ cm long

Stick A = Stick B = 20 cm

$20 + 20 = 40$ cm

The total length of sticks A and B is 40 cm