

**01**

Janu has 25 pencils. She gives 7 of them to her brother. She then buys 9 new pencils. How many pencils does Jane have altogether in the end ?



**Method 1 :**

$$25 - 7 = 18$$

She has 18 pencils left after giving 7 to her brother

$$18 + 9 = 27$$

Janu has 27 pencils altogether in the end

**Method 2 :**

$$25 + (9 - 7) = 25 + 2 = 27$$

**02**

Jar A and Jar B have 12 cookies each. There are 14 fewer cookies in Jar C than Jar A and Jar B together. How many cookies are there in Jar C ?



Jar A and Jar B have 12 cookies each

Number of cookies in Jar A → 12

Number of cookies in Jar B → 12

$$12 + 12 = 24$$

There are 24 cookies in Jar A and Jar B altogether

$$\text{No. of cookies in jar 'C'} = 24 - 14 = 10$$

**03** Karan will be 12 years old in 3 years' time.  
How old will he be in 10 years' time ?



**Method 1 :**

Present age of kiran  
= 12 years – 3 years = 9 years

Age of Kiran after ten years  
= (10 + 9) years = 19 years

**Method 2 :**

$12 + (10 - 3) = 12 + 7 = 17$

**04** The sum of two numbers is 15. The  
difference between the two numbers is 1.  
What are the two numbers ?

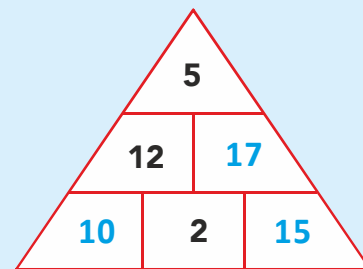
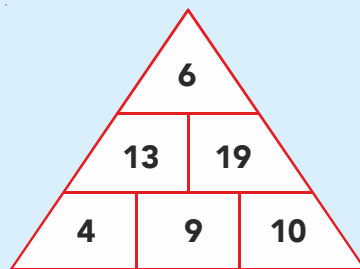
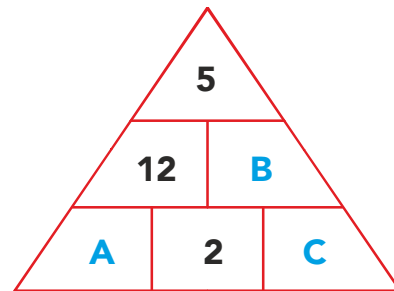
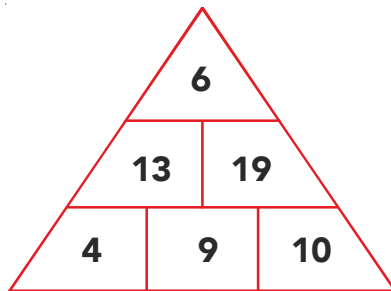


$$7 + 8 = 15 \text{ and } 8 - 7 = 1$$

∴ Required numbers are 7 and 8

**05**

Look at the triangles and fill in the missing numbers A, B and C.



In the 1st triangle

$$4 + 9 = 13$$

$$19 - 13 = 6$$

$$9 + 10 = 19$$

Correspondingly  
the 2nd triangle

$$A + 2 = 12$$

$$\Rightarrow 10 + 2 = 12$$

$$B - 12 = 5$$

$$B = 17$$

$$C + 2 = 17$$

$$C = 15$$