

Left $\Rightarrow \Rightarrow$ (L) to (R) Right

From left = To Right = Towards Right

From your left = To your Right = Towards your Right.

(L) $\Leftarrow \Leftarrow$ (R)

(L) From Right = To left = Towards left

From your Right = To your left = Towards your left

Alphabetical Qubble:-

Qubble means "play with"

G T₂₀ = Twenty

F = 6

Fix = six

(R)

(L)	A	B	C	D	E	⁶ F	⁷ G	H	I	J	K	L	M	
	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
	14		16				20						26	(second half)

Ex:-) Which letter will be fourth to the Right of 12th position from your left end of the english alphabet.

Ans) 'P' $\frac{\text{to}}{4R} + \frac{\text{from}}{12L} = 16L$

Ex:-) Which letter will be fifth to the left of 9th letter from your right end of the english alphabet.

A) $\frac{\text{to}}{5L} + \frac{\text{from}}{9R} = 14R$ 'M'

Ex:-) Which letter will be sixth to the left of 20th position from your left hand of English alphabet.

Ans) $\frac{\text{to}}{6L} - \frac{\text{from}}{20L} = 14L$ 'N'

Ex:-) Which letter will be 5th to the right of 20th position from your right end of the English alphabet. (2)

A)
$$\begin{array}{r} \text{To} \\ 5R \end{array} - \begin{array}{r} \text{From} \\ 20R \end{array} = 15R \quad \underline{\text{'L'}}$$

Note:-

1. Like in above type of problems if in to and from position

a. If both are same directions (subtract them) (-)

b. If both are different directions (Add them) (+)

$$\begin{array}{r} \text{To} \\ L \end{array} + \begin{array}{r} \text{From} \\ R \end{array}$$

$$R + L$$

Ex:- Which letter will be 12th to the left of 30th position from your left end of the English alphabet.

A)
$$\begin{array}{r} \text{To} \\ 12L \end{array} - \begin{array}{r} \text{From} \\ 30L \end{array} = 18L \quad \underline{\text{'R'}}$$

Type - II questions:-

Ex:- If in the English alphabet interchange 'A' takes the 'Z' and 'Z' takes place of 'A', 'B' takes 'Y', 'Y' takes 'B' which letter will be 6th to the right of 10th position from your left end.

Ans:-)
$$\begin{array}{r} \text{to} \\ 6R \end{array} + \begin{array}{r} \text{from} \\ 10L \end{array} = 16L \quad \underline{\text{'P'}}$$

Ex:-) If in the English alphabets interchange their positions i.e., 'A' takes place of 'Z', 'Z' takes 'A', 'B' takes 'Y', 'Y' takes 'B' and so on. which letter will be 5th to the right of 12th position from your left end.

Ans)
$$\begin{array}{r} \text{to} \\ \dots \end{array} + \begin{array}{r} \text{from} \\ \dots \end{array} \quad \underline{\text{'J'}}$$
 So on, given so alphabets interchange

Note:-

Like in above type of problems if total alphabets written in reverse order then obtain direction is reverse i.e.,

$$L \rightarrow R, R \rightarrow L$$

Ex:- In above problem which letter will be 6th to the right of 22nd position from your right end.

Ans:- $\frac{\text{to}}{6R} - \frac{\text{from}}{22R} = 16(R) \rightarrow 16L \Rightarrow \underline{\text{'P'}}$

Type - III Questions:-

Ex:- If in the english alphabets interchange their position i.e., 'A' takes 'B', 'B' takes 'A', 'C' takes 'D', 'D' takes 'C' and so on... which letter will be 6th to the right of 11th letter from your left end.

A) (L) B A D C F E H G J I L K N
M P O R Q T S V U X W Z Y (R)

$$\frac{\text{to}}{6R} + \frac{\text{from}}{11L} = 17L \quad \underline{\text{"R"}}$$

(or)

$$6R + 11L = 17L \text{ (add + 1)} \Rightarrow \underset{\substack{\downarrow \\ \text{odd}}}{17L} + 1 = 18L \text{ (original alphabet)} \Rightarrow \underline{\text{"R"}}$$

Note:-

Like in above type of problems if adjacent (or) interchange their positions then apply odd even principle.

$$\text{odd} = +1$$

$$\text{even} = -1$$

Ex:-) In above problem which letter will be 5th to the right of 25th position from your right end. (3)

Ans)
$$\begin{aligned} \text{To} & \quad \text{From} \\ 5R - 25R &= 20R \text{ (even then subtract '1')} \\ &= 20R - 1 \Rightarrow 19R \Rightarrow \underline{\text{"H"}} \end{aligned}$$

Ex:-) If in the english alphabets all adjacent positions ~~are~~^{or} interchange their places and also total sequence is written in reverse order then which letter will be 6th to the left of 13th position from your right end.

Ans)
$$\begin{aligned} \text{To} & \quad \text{from} \\ 6L + 13R &= 19R \text{ (odd then add '1')} \\ &= 19R + 1 \Rightarrow 20R \xrightarrow{\text{Total}} 20L \Rightarrow \underline{\text{"T"}} \end{aligned}$$

adjacent

Ex:-) In above problem which letter will be 4th to the right of 14th position from your left end.

A)
$$\begin{aligned} \text{To} & \quad \text{from} \\ 4R + 14L &\Rightarrow 18L \text{ (even, so subtract)} \\ &\Rightarrow 18L - 1 \Rightarrow 17L \\ &\Rightarrow 17R \Rightarrow \underline{\text{"J"}} \end{aligned}$$

Ex:-) If in the english alphabets first half of the alphabets are written in reverse order, which letter will be 5th to the left of 13th position from your right end.

A)
$$\begin{aligned} \text{To} & \quad \text{From} \\ 5L + 13R &\Rightarrow 18R \end{aligned} \quad \underline{\text{"E"}}$$

(L) (R)

1	2	3	4	5	6	7	8	9	10	11	12	13
M	L	K	J	I	H	G	F	E	D	C	B	A
14	15	16	17	18	19	20	21	22	23	24	25	26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

(x1) Which letter will be midway b/w 6th position from left end and 11th from right end.

A) $\xrightarrow{6L} \quad \xleftarrow{11R}$
 $\Rightarrow \underline{\text{"K"}}$
 (G H I J) K (L M N O)

Ex1-) Which letter will be midway b/w 7th position from left end and 9th from right end.

A) $\xrightarrow{7L} \quad \xleftarrow{9R}$
 (H I J K L) M N O P Q

$\Rightarrow$ No such letter is there.

Ex2-) Which letter will be midway b/w 9th position from left end and 10th from right end.

A) $\xrightarrow{9L} \quad \xleftarrow{10R}$
 (J K L) M (N O P)
 $\Rightarrow \underline{\text{"M"}}$

Ex3-) Which letter will be midway b/w 8th position from left end and 12th from right end.

A) $\xrightarrow{8L} \quad \xleftarrow{12R}$
 (I J K) (L M N)

$\Rightarrow$ No such letter

Note:-

1. Like it above type of problems if from either ends both are even (or) both are odd then there is no midway b/w them

2. If from either ends one is even and another one is odd then there is possibility for midway b/w them. Find that midway
 positions given from either end Subtract

from "26" and divide with $\frac{1}{2}$ of remainder and rounded to next figure and add this fig to any position number and count from the way only. (4)

Ex:- $26 - 19 = \frac{7}{2} = 3.5 \approx (4)$ add this 4 to 26 $\Rightarrow 30^L$

Type - IV Questions:-

Study the following sequence carefully and answer the questions as follows.

(L) A 3 B Δ D 4 $\square$ 6 N β 5 M 2 * E 8 (R) Total = 16

Ex:-) In above sequence which letters (or) numbers, symbols will be midway b/w 4th position from left end and 6th position right end.

A) $\xrightarrow{4} \quad \xleftarrow{6} \Rightarrow 16 - 10 = 6 \Rightarrow (D 4 \square) (6 N \beta)$
No such no. exist

Ex:-) In above sequence which letter (or) number (or) symbol midway b/w 3rd to left and 6th to Right.

A) $\xrightarrow{3L} \quad \xleftarrow{6R} \Rightarrow 3 + 6 = 9$
 $16 - 9 = \frac{7}{2} = 3.5 \approx (4)$
 $4 + 3 = 7L \Rightarrow \square$

(A D 4) (6 N β)

Ex:-) In above sequence which letter (or) number (or) symbol will be 4th to right of 5th position from left end.

A) $\xrightarrow{4R} \quad \xleftarrow{5L} \Rightarrow 9L \Rightarrow 'N'$

(4 $\square$ 6) (N β 5 M)

Ex:-) In above sequence all adjacent positions are interchange then which letter or number or symbol will be 5th to the left of 16th position from your left end.

A) $\xrightarrow{5L} \quad \xleftarrow{16L}$
 $\Rightarrow 11L \Rightarrow 11L + 1 \Rightarrow 12L$
(interchange)

"M"

Ex:-) In above sequence all adjacent positions are interchange their places and also total sequence is written in reverse order then which letter, symbol, number will be 4th to the left and 7th from Right.

A)
$$\begin{array}{c} \text{To} \\ \hline 4L + 7R = 11R \end{array}$$

$$11R + 1 = 12(R) \Rightarrow 12L \Rightarrow \underline{M}$$

Ex:-) In above sequence which letter will be 4th to the right of 5th position from left end. If that position is a symbol, immediately a preceded of that. If the position is a numbered immediately followed letter is your answer.

A)
$$\begin{array}{c} \text{To} \\ \hline 4R + 5L = 9L \Rightarrow \underline{N} \end{array}$$

Ex:-) In above sequence letters are coded as FEMALES, numbers are coded as "MALES", symbols are coded as "CHILDRENS". How many ~~childrens~~ males are there. We are having either side females.

A)
$$\begin{array}{ccc} F & M & F \\ \downarrow & \downarrow & \downarrow \\ L & , & N & L \end{array}$$

Ex:-) In above sequence according to their positions at the ratio b/w symbols to letters.

A)
$$\begin{array}{ccc} S & & L \\ \hline 4 & : & 6 \\ 2 & : & 3 \end{array}$$