A long distance telephone company charges I cents
Per minute or 50 cent minimum for every
Completed call, whichever is greater. Find the
Cost of call in cents per minute for 8 minutes?

Solution:

Cost of call for N minutes = 21 Variable Cost: Cost of call per minute = 7 cents

Fixed Cost:

Cost of every completed call- 50 cents
Thus, the expression for Cost of call that lasted
for N minutes:

2 = Fixed Cost + Usuable Cost2 = 50 + 7(N)

For 6, minutes : N=6

 $\chi = 50 + 7(6)$ $\chi = 92 \text{ (and 5 per minute)}$

Cost of call for 6 minutes = 92 cents per minute

1000 100

1. in and 1.

Aill: Find the missing term in the following series: 5-2=3 3-2=1 1-2=-1 8, 7, 16, 5, 32, 3, 64, 1, 122 a) 16+16=32 8+8=16 statements 16, 33, 65, 131, 3, 523 16 33 65 131 261 523 16+17=33 -261 Thus missing term is 261. Logic? 1, 2, 4, 8, ?, 32 1+1=2 1 2+2=4 1 1+4=8 | 8+8 | 16+16=32 Thus, mixing term is 16.

anxists of a O. The following question with a wrong term. Final out wrong term. 6, 8, 9, 12, 14, 18, 22, 526, 30 9 is wrong term. Here should be 20. 7*4=28 28*4=112 112*4=448 3,7,9,28,27,84,8.1,448,243 3*3=9 9*5=27 27*3=81 $81\times3=243$ 84 is wrong term. Here should be

One is different from other 3 in some way. Find the different one.

a) OTEDC AZYX PNML USRO

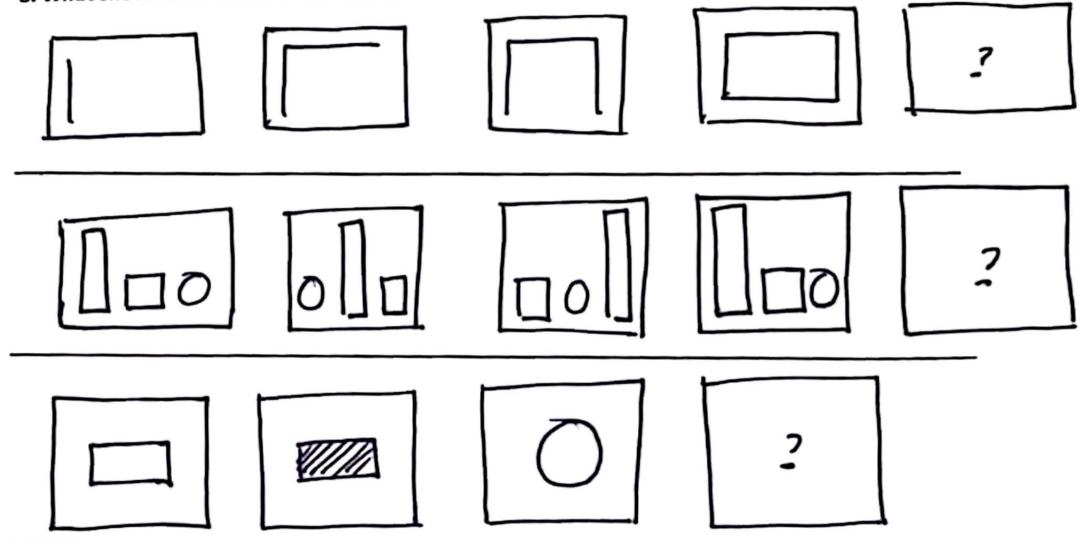
AZYX is different. Because here should be AYXIN Since the pattern in other groups are:

The second term of group is obtained by moving in Backwards and skipping the immediate next alphabet in reverse direction. The third and fourth alphabets of group are immediate next alphabet after second alphabet in reverse direction.

SUXB LNQU BDGK JUD JLNQ is the wrong group. Here JLOS is correct one. Since pattern in other groups is: The second alphabet of group is obtained by skipping immediate next alphabet of the first one. The

The third alphabet is obtained by skipping immediate next two alphabets and 4th alphabet is obtained by skipping immediate next three alphab a: Find the missing term. ABYZ, ADWZ, ? , AHSZ First and last alphabet is the same ABYZ ÁDWZ Á ZÁHSZ as Cis skipped Eis stipped Gris skipped ADWZ AFUZ X is skipped Vis skipped T is skipped

8. What should come next in the series?



OB what should come next in series. (6) (C)