Quiz 15. Sum-of-pair score for Multiple Alignment

The multiple alignment for 4 sequences is given in the following table:

S1=ACG	A	-	C	G
S2=AGT	A	-	G	T
S3=ACGT	A	C	G	T
S4=AGT	A	-	G	T

1. Compute the sum-of-pairs score of a given multiple alignment:
   SP score=

	S2	S3	S4
S1			
S2			
S3			

2. Can you produce an alignment with a better SP-score?

S1=ACG				
S2=AGT				
S3=ACGT				
S4=AGT				

SP score=

	S2	S3	S4
S1			
S2			
S3			