DNA Mutation Practice

Create your own 18 base pair long sequence of DNA (just one side):

1 nd the amino acid		-	4 above: (use the cha	5 nrt on p.307 in the	6 textbook)
1	2		3	4	
5	(6			
DNA strand,	change to the	mRNA and th	NA sequence to ar ne change to the ar	nino acid.	
New mRNA 4	4"' codon		New amino ad		
New mRNA Original amin 2. Change the G DNA strand, New DNA str	4 th codon no acid 5 th letter in you change in the	ur original DN mRNA and th	_ New amino ad IA sequence to and le change to the ar	id ther base. Write onino acid.	out the change
New mRNA Original amin 2. Change the G DNA strand, New DNA str New mRNA 2	4 th codon no acid 5 th letter in you change in the rand 2 nd codon	ur original DN mRNA and th	_ New amino ac IA sequence to and he change to the ar	id ther base. Write onino acid.	out the change
 New mRNA 4 Original amin Change the 6 DNA strand, New DNA strand, New mRNA 2 Original amin Add 1 base a strand, chan New DNA str 	4 th codon no acid change in the rand 2 nd codon no acid after the 6 th le ge in the mRN rand	ur original DN mRNA and th tter in your o A and the cha	_ New amino ad IA sequence to and le change to the ar	id other base. Write o nino acid. id ice. Write out the acid sequence.	out the change

- 5. What type of mutation does question 1 and 2 represent?
- 6. What type of mutation does question 3 represent?