CMC

1

1.1

1.2

1.1-1

	/					

1.3

1.4

2

2.1

2.2

2.3

3

3.1

3.2

3.2-1

		/		

3.2-3

				/	/	/

				/	/	/

				/	/	/

				/	/	/

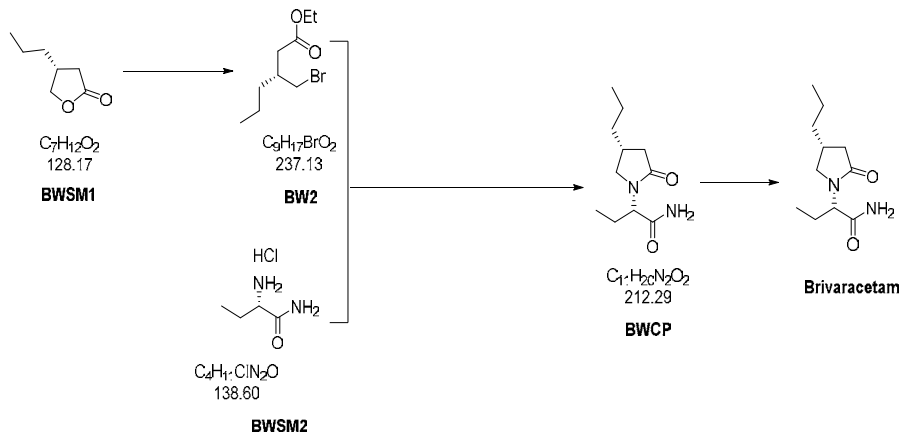
3.4

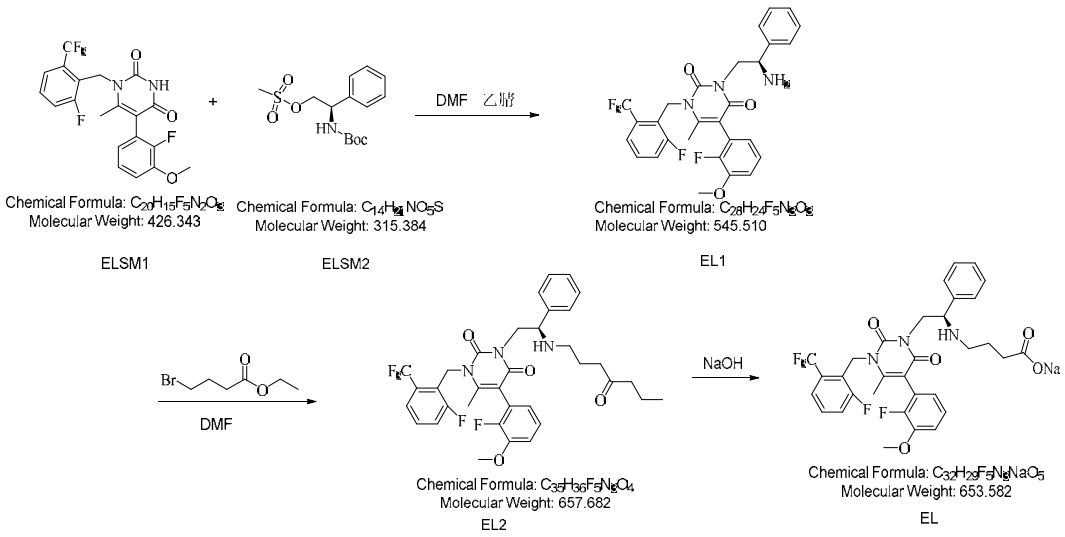
3.4-1 **t/a**

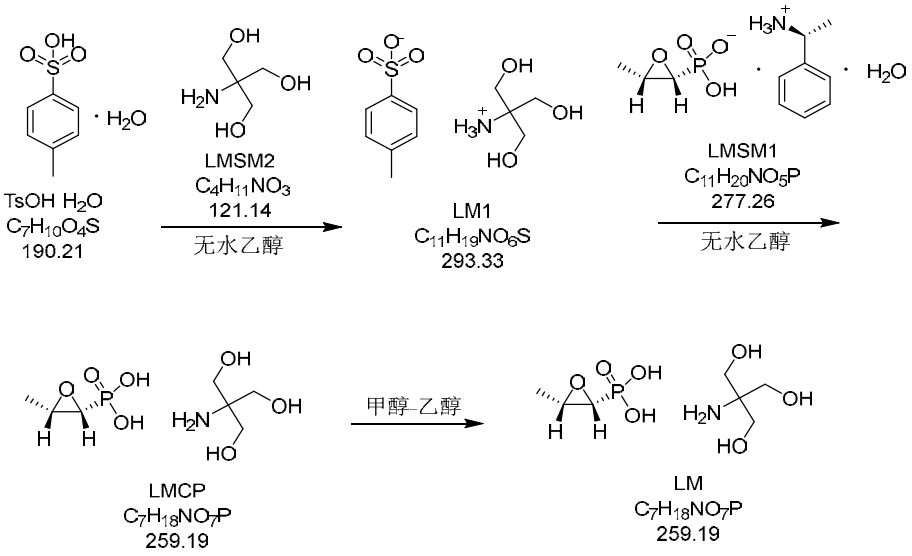
3.4-2 **t/a**

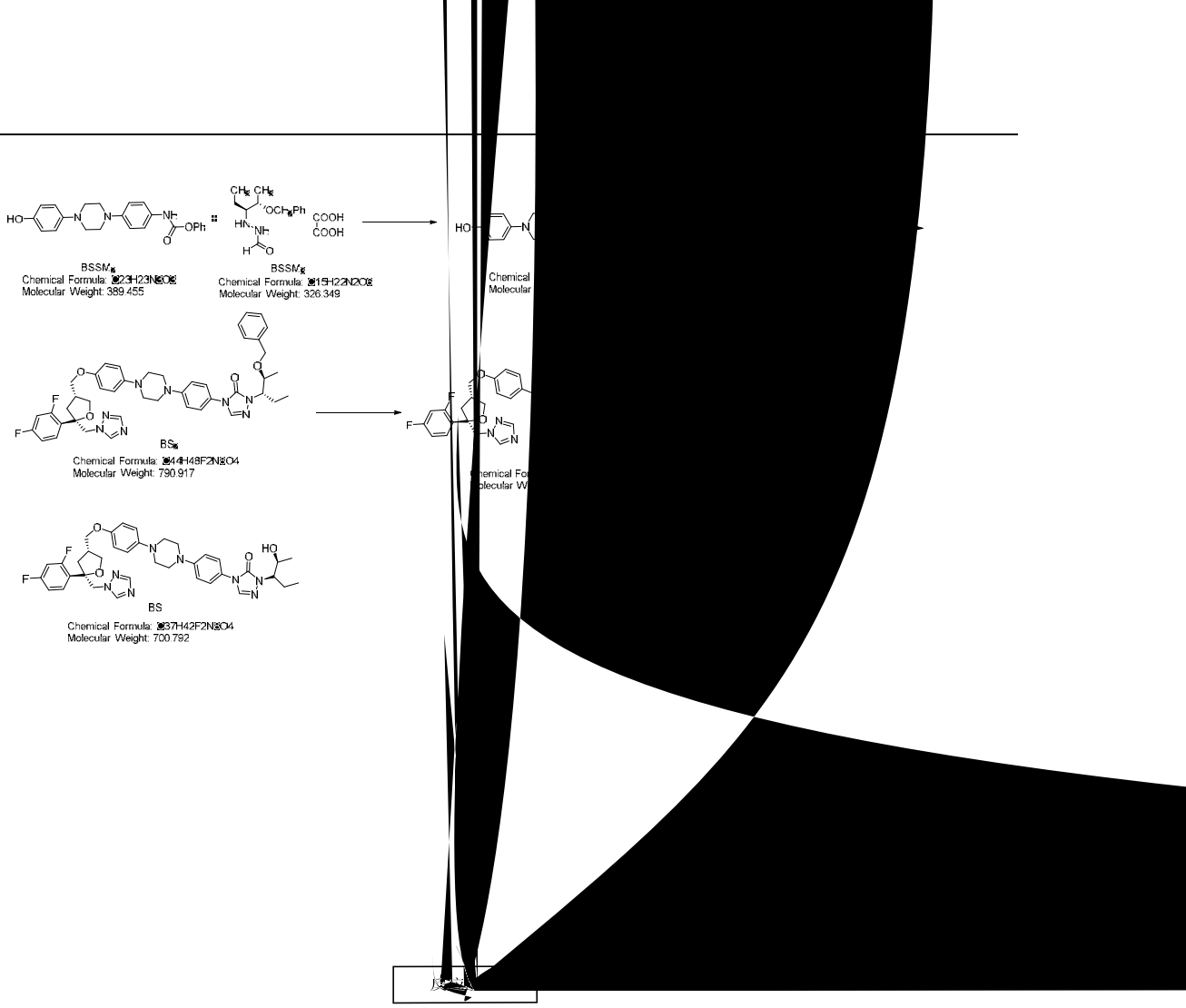
3.5

3.5.1

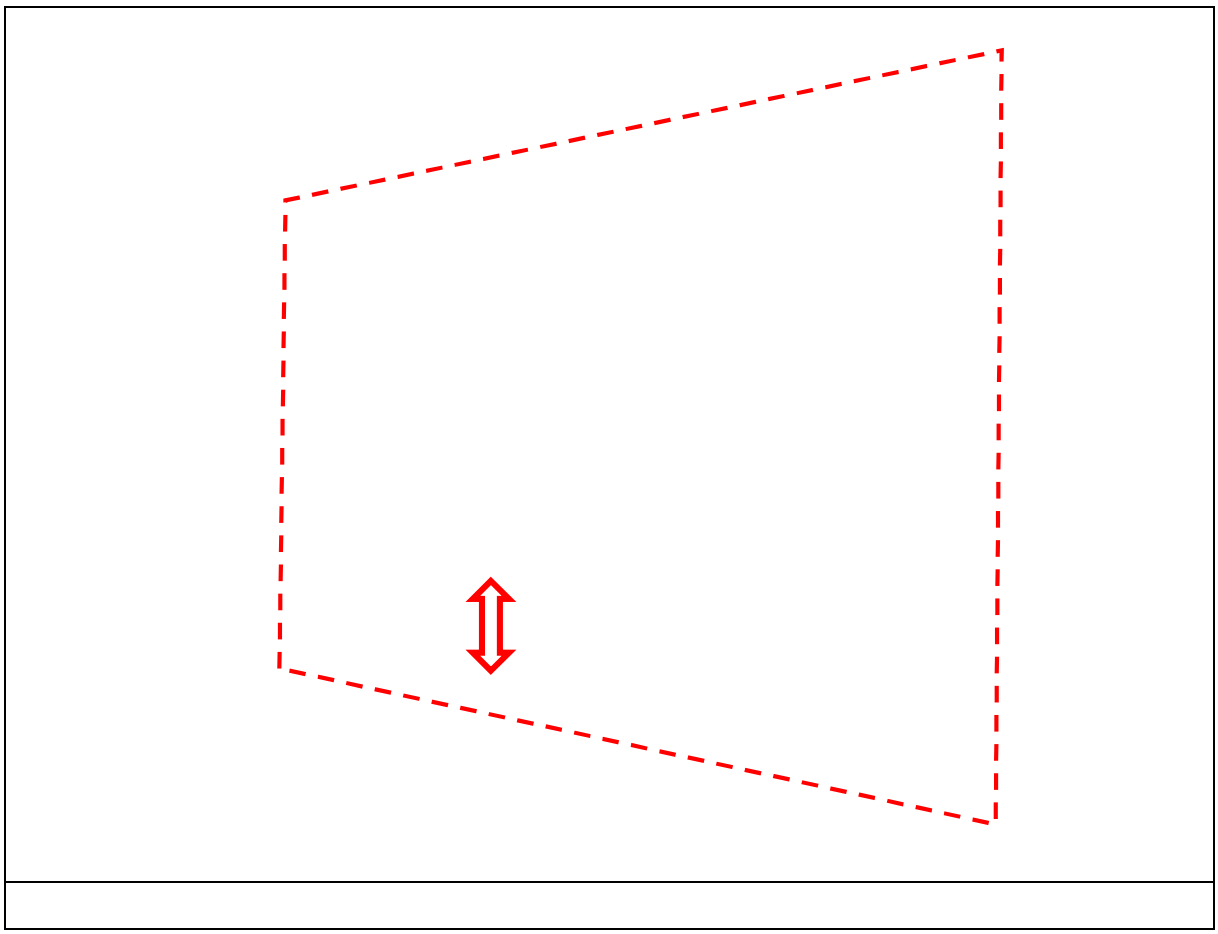



DMF 乙腈
Chemical Formula: C20H15F5N2O3
Molecular Weight: 426.343
ELSM1
Chemical Formula: C14H21NO5S
Molecular Weight: 315.384
ELSM2
Chemical Formula: C28H24F5N3O3
Molecular Weight: 545.510
EL1
DMF
NaOH
Chemical Formula: C35H36F5N3O4
Molecular Weight: 657.682
EL2
Chemical Formula: C32H29F5N3NaO5
Molecular Weight: 653.582
EL


TsOH H2O
C7H10O4S
190.21
LMSM2
C4H11NO3
121.14
无水乙醇
LM1
C11H19NO6S
293.33
LMSM1
C11H20NO5P
277.26
无水乙醇
LMCP
C7H18NO7P
259.19
甲醇-乙醇
LM
C7H18NO7P
259.19


BSSM
Chemical Formula:
Molecular Weight: 389.455
BSSM
Chemical Formula:
Molecular Weight: 326.349
BS
Chemical Formula:
Molecular Weight: 790.917
BS
Chemical Formula:
Molecular Weight: 700.792

9					
11					
13					
15					



3.6.1

3.6.2

3.6-3

3.6-4

4

4.1 /

4.1.1

4.1.1

4.1.1

4.1.2

4.1.2-1

4.1.2-1

4.1.2-2 DA010

4.1.2-3 DA011

4.1.2-4 DA012

4.1.2-5 DA013

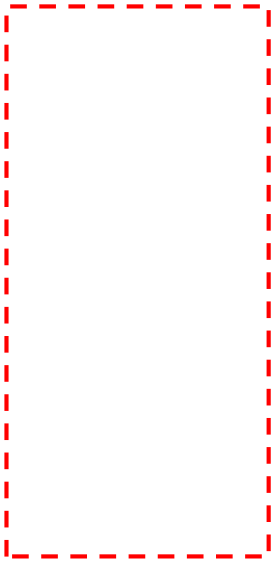
4.1.2-6 DA014

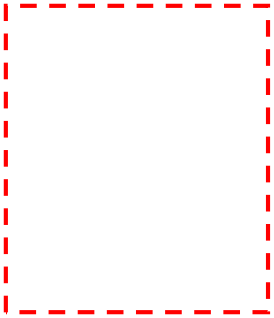
4.1.2-7 DA015

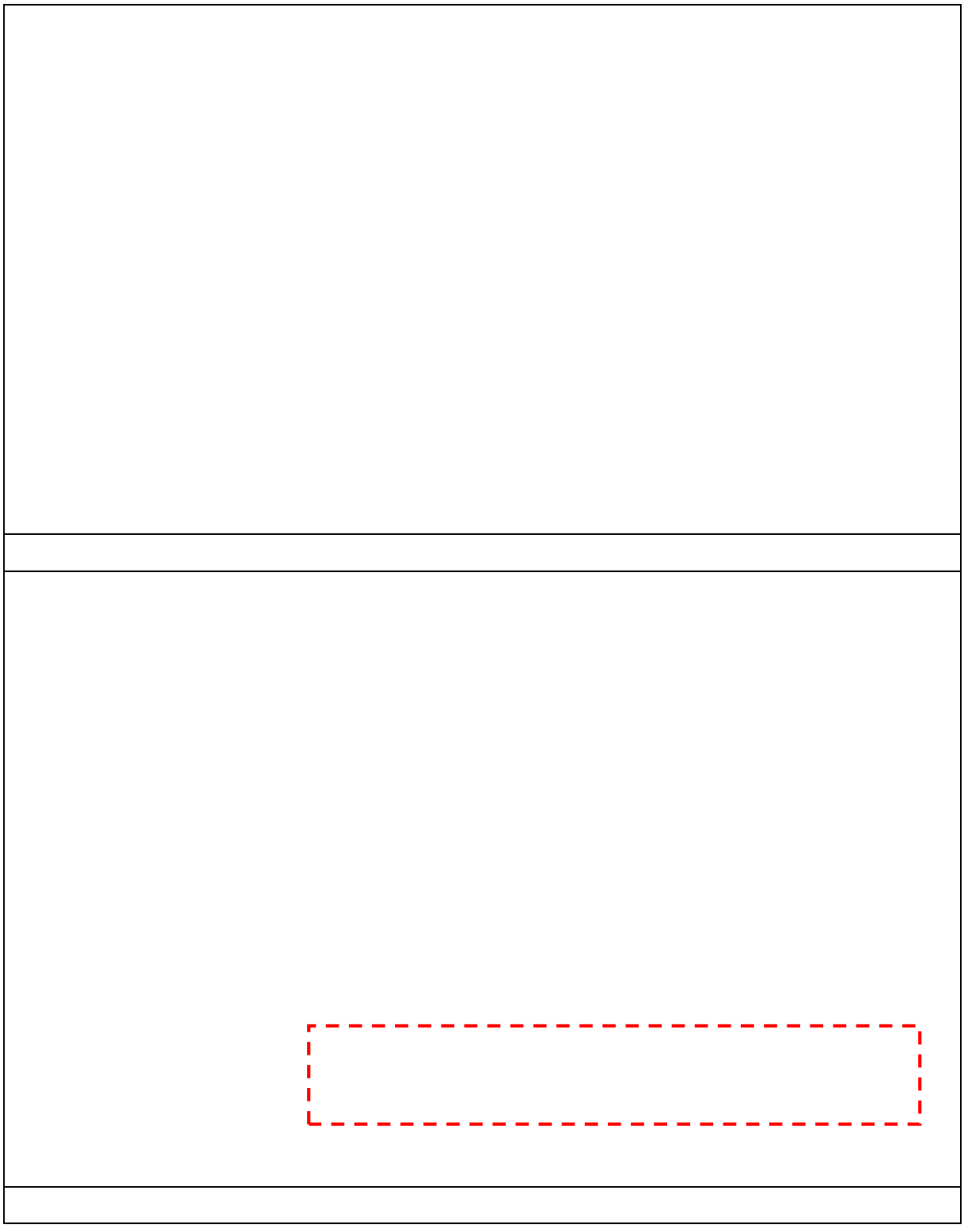
4.1.2-8

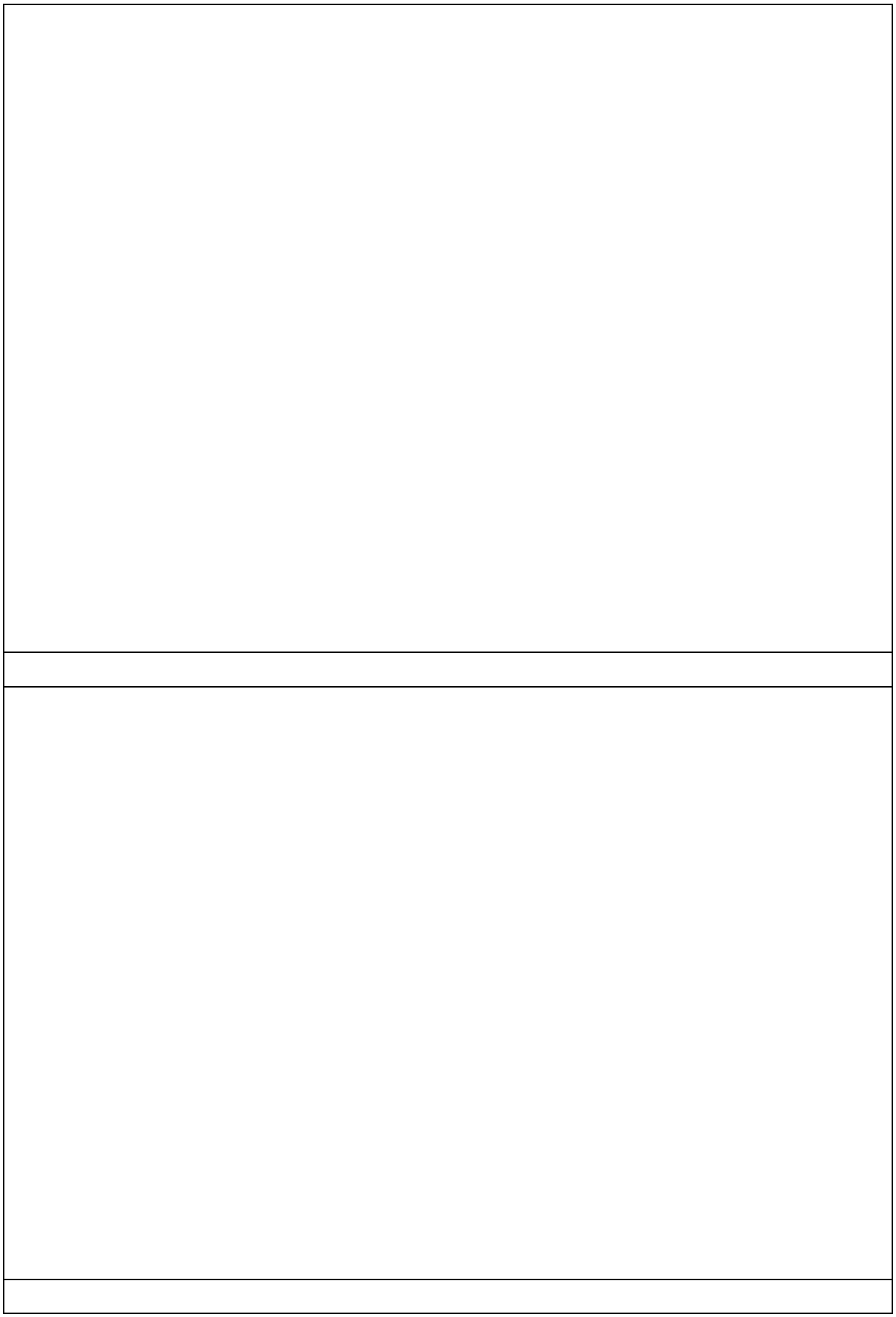
	mm					m/s	

	mm					m/s	









4.1.2-2

4.1.3

4.1.3

4.1.4

4.1.4-1

								t/a	t/a	t/a	

HW02

#900-

041-49

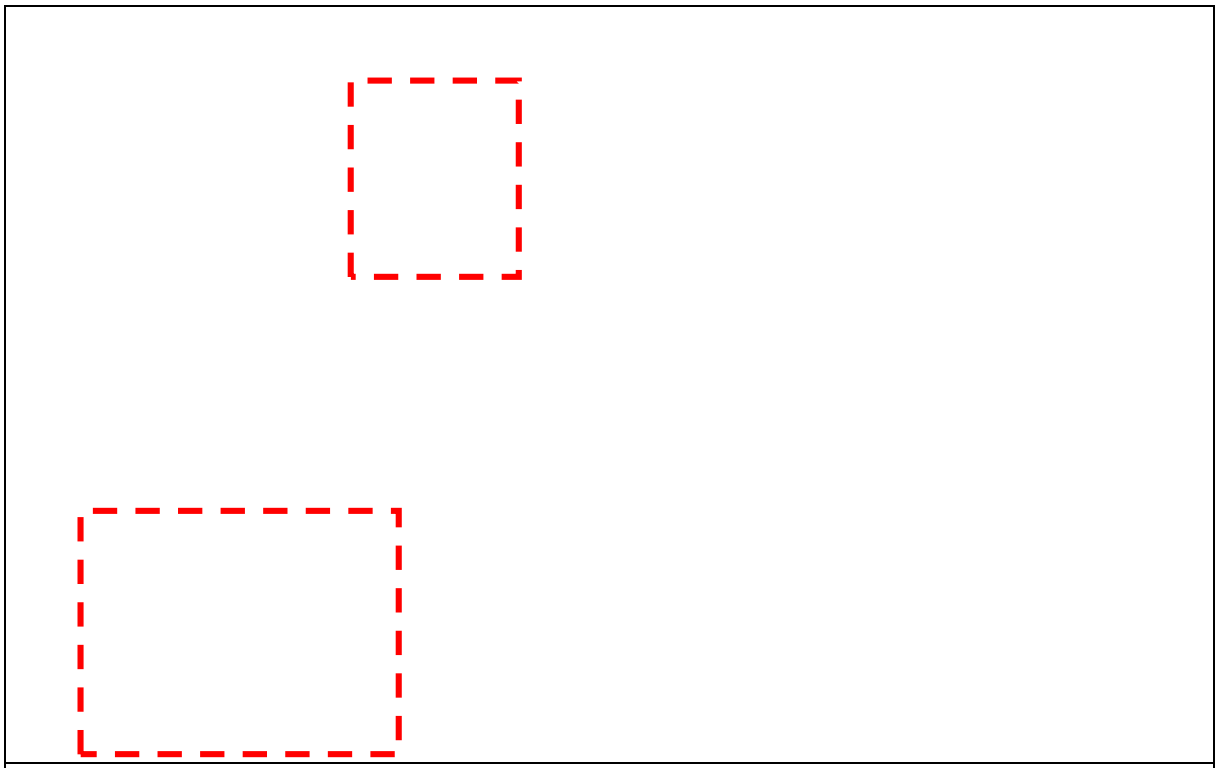
276-

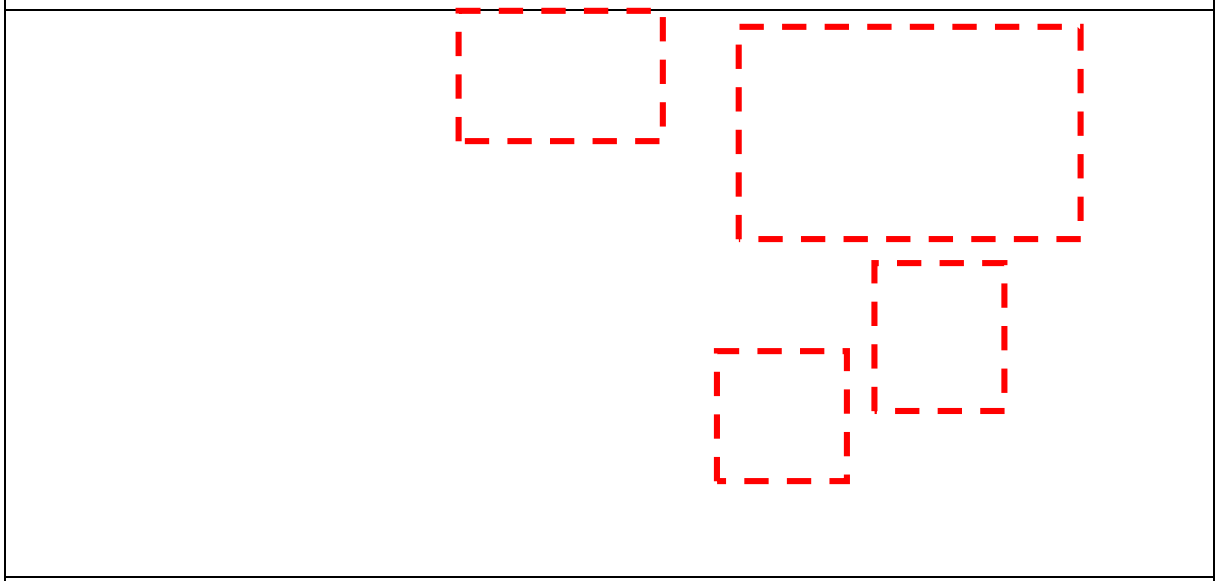
006-50

HW02

HW02

4.1.4-2





4.1.4

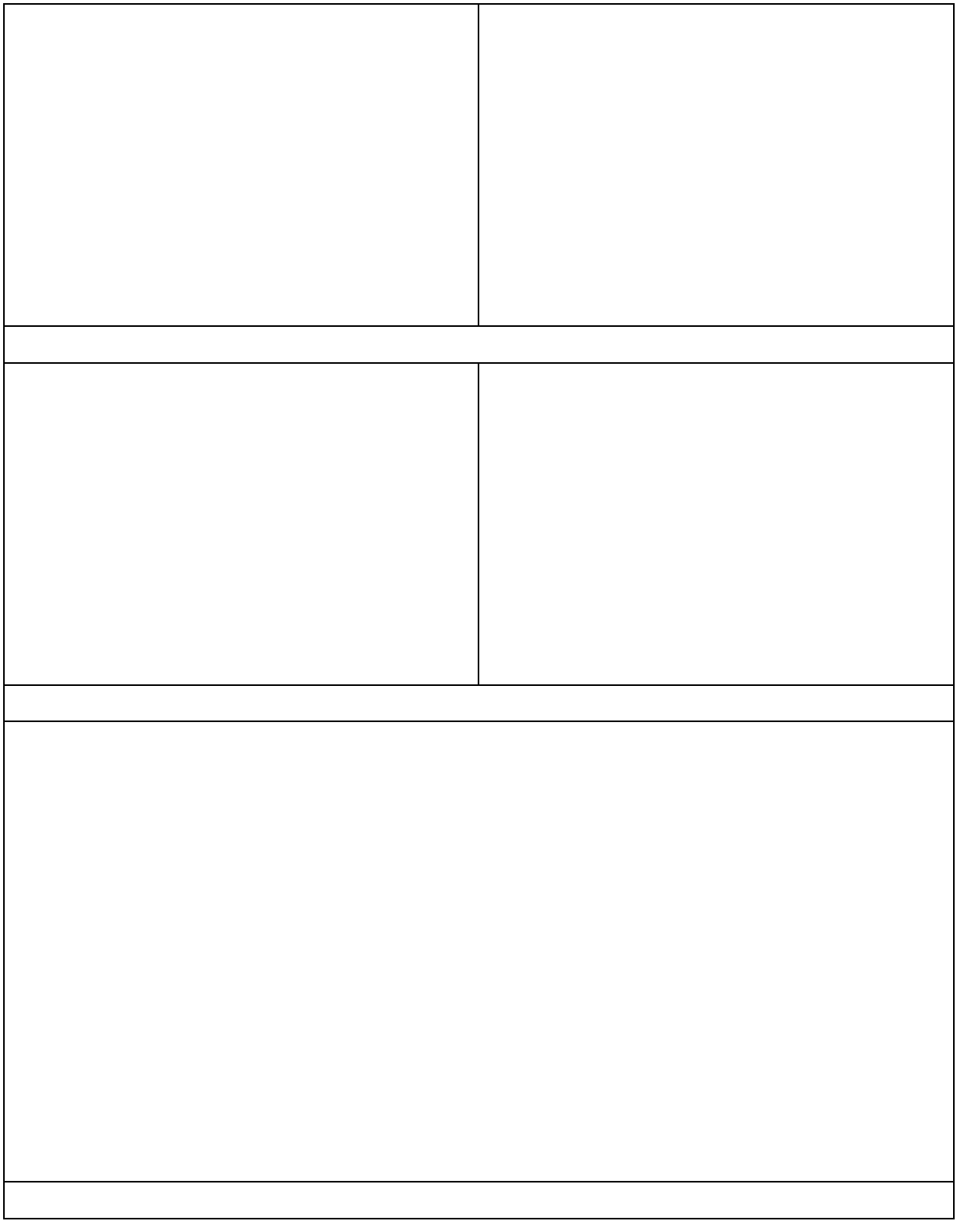
4.2

4.2.1

4.2.1

4.2.1

4.2.2



4.2.2

4.3

4.3

	CMC			

5

5.1

5.2

•

• 0 †£K

6

6.1

6.1

		mg/L	

6.2

6.2-1

		mg/m³	kg/h		mg/m³	kg/h	
			m			m	

			t/a	t/a

6.4-2

			t/a		t/a	

7

7.1

7.1

7.2.1 5#~13# 14#~19#

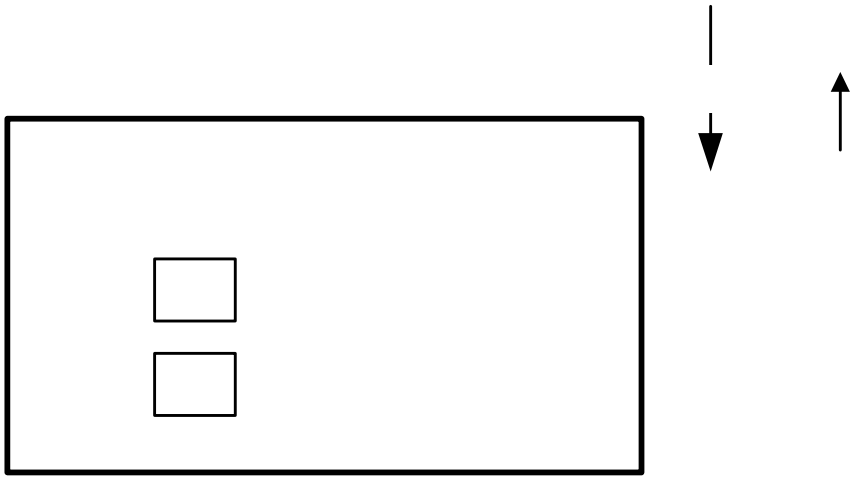
7.2.2

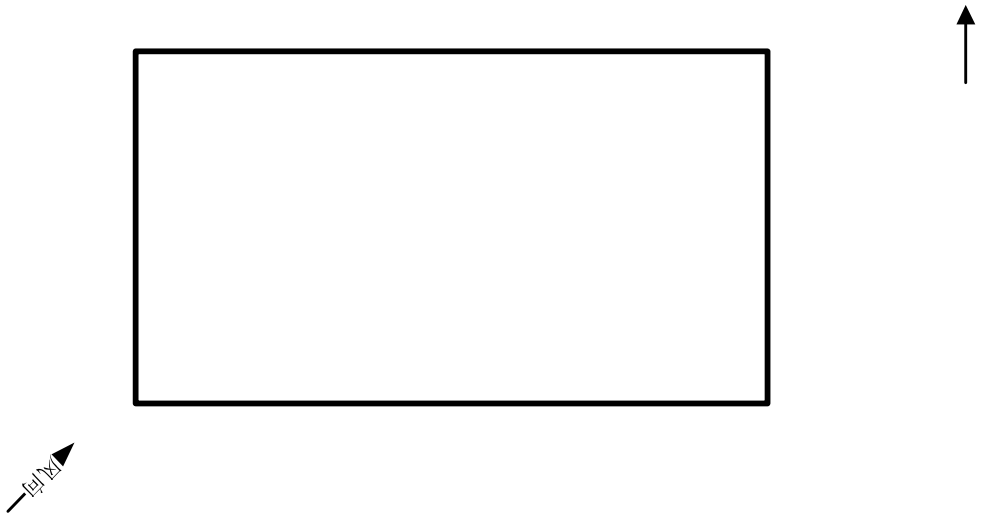
7.2.2

				DMF	

7.3

7.3





7.3

8

8.1

8.1-1

8.1-2

	mg/m^3		mg/m^3

	mg/m^3		mg/m^3

8.3

8.4

8.5

9.1-1

	kg	g	g/d					
			2023.05.05	2023.05.12	2023.05.15	2023.05.16	2023.05.18	2023.05.19

			kg	g	g/d					
					2023.05.05	2023.05.12	2023.05.15	2023.05.16	2023.05.18	2023.05.19

			kg	g	g/d					
					2023.05.05	2023.05.12	2023.05.15	2023.05.16	2023.05.18	2023.05.19

9.2

9.2.1

9.2.1-1

			mg/L	mg/L

9.2.1-2 mg/L

		1			2			COD %	2												COD %
		pH	COD	SS	pH	COD	SS	/	pH	COD	SS				pH	COD	SS				/

9.2.2

9.2.2-1 DA010

			2023.05.15				2023.05.16				
		/	1# F7+								
		/	DA010								
		m	17								

9.2.2-2 DA011

			2023.05.15				2023.05.16				
		/	2# F7+								
		/	DA011								
		m	17								

			2023.05.15				2023.05.16				
		/	2# F7+								
		/	DA011								
		m	17								

			2023.05.15				2023.05.16				
		/	2# F7+								
		/	DA011								
		m	17								

9.2.2-3 DA012

			2023.05.15				2023.05.16				
		/	3# F7+								
		/	DA012								
		m	17								

2023.05.15

			2023.05.15				2023.05.16				
		/	3# F7+								
		/	DA012								
		m	17								

9.2.2-4 DA013

			2023.05.18				2023.05.19				
		/	4# F7+								
		/	DA013								
		m	17								

	2023.05.18	**2023.05.19**

			2023.05.18				2023.05.19				
		/	5# F7+								
		/	DA014								
		m	17								

9.2.2-6 DA014 DMF

			2023.05.15				**2023.05.16**				
		/	**5#**				**F7+**				
		/	**DA014**								
		m	**17**								

9.2.2-7 DA015

			2023.05.18				**2023.05.19**				
		/	**6#**				**F7+**				
		/	**DA015**								
		m	**17**								

			2023.05.18				2023.05.19				
		/	6# F7+								
		/	DA015								
		m	17								

9.2.2-8 DA016

			2023.05.05				2023.05.12				
		/	18# F7+								
		/	DA016								
		m	20								

		2023.05.05				2023.05.12			
	/	18# F7+							
	/	DA016							
	m	20							

9.2.2-9

			“ND”				

			“ND”				

9.2.3

9.2.3

		2023.05.18		2023.05.19				

9.2.4

9.2.5

9.2.5-1

	mg/L	t/a	t/a	

9.2.5-2

		kg/h	h/a	t/a	t/a	t/a	

		kg/h	h/a	t/a	t/a	t/a	

		kg/h	h/a	t/a	t/a	t/a	

9.3

9.3

10

10.1

10.1.1

10.1.2

DA010

DA011

DA012

DA013

DA014

DA015

DA016

10.1.3

10.1.4

10.1.5

10.2

10.2

								☑		/			
									%				
									%				
		1	2	3	4	5	6	7	” “ 8	9	10	11	12
