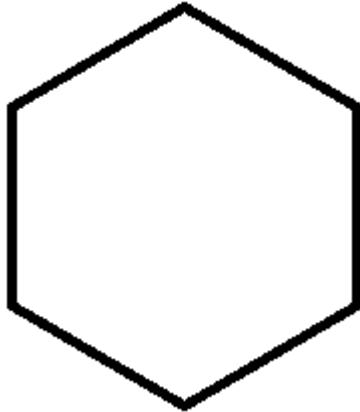


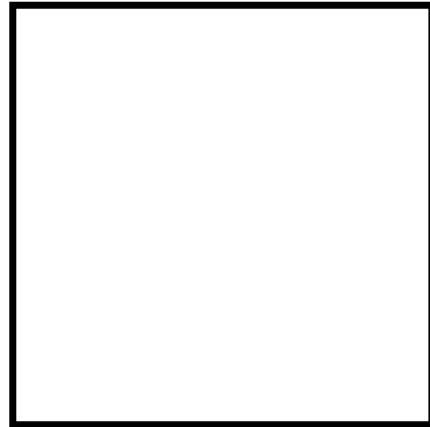
Team Name: _____ Team ID: _____

1 Cut A Part

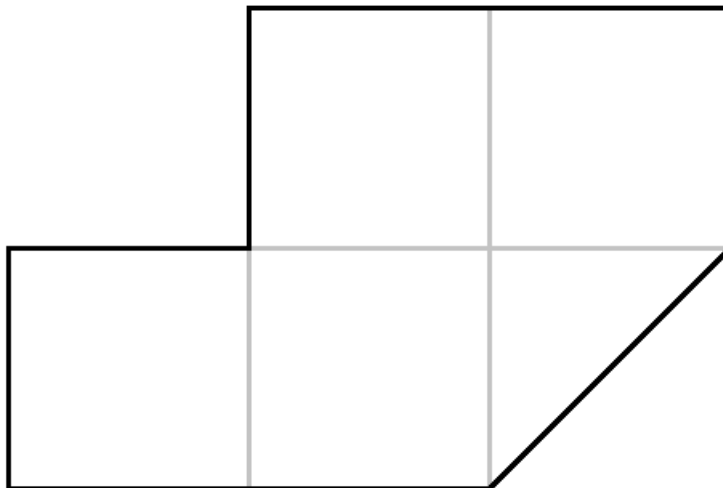
1. [3 points] Cut this regular hexagon into **6** congruent pieces.



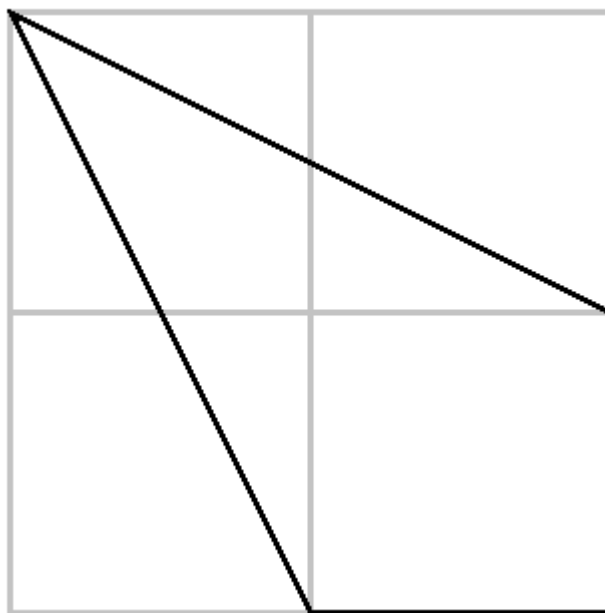
2. [5 points] Cut this square into **5** congruent pieces.



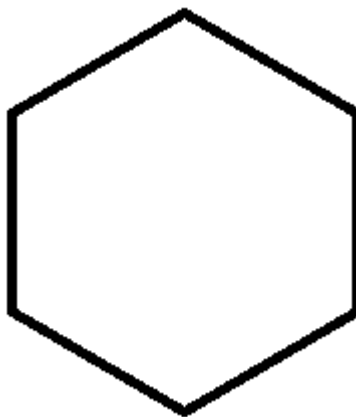
3. [5 points] Cut this object into **3** congruent pieces. Grid lines have been drawn for you.



4. [7 points] Cut this quadrilateral into 8 congruent pieces. Grid lines have been drawn for you.



5. [10 points] Cut this regular hexagon into 8 congruent pieces.



2 Separators

1. [6 points]

1		0	0	1	1
	2	0	0	1	1
1	1				
2	0				
0	2				
1	1				

2. [8 points]

1			0	0	1	0	4	3
	2		4	0	2	3	2	1
		3	2	0	3	1	0	2
0	2	0						
0	0	0						
2	0	0						
1	3	0						
3	0	1						
2	1	1						

3. [12 points]

1			3	0	3	0	3	3
	2		1	3	0	0	3	1
		3	2	3	3	0	0	0
3	3	0						
2	3	1						
1	2	3						
1	1	0						
3	1	2						
2	0	0						

4. [16 points]

1								
	2		1	0	2			
		3	2					
1								
		0						
0		1						
	4							
3	1							

5. [18 points]

1						1	1			1
	2			2	2			2		
		3		3						3
			4	4		4			4	
		3								
	2	3	4							
			4							
	2		4							
		3								
			4							
		3								

3 Arrows

1. [5 points]

		2
1	2	

2. [11 points]

2	0	0	1	0	3	1	0
0	2	0	1	2	2	0	0
0	0					0	0
0	1					0	0
1	0					3	2
3	3					0	1
0	0	0	1	1	0	0	0
0	0	0	0	2	0	0	0

3. [13 points]

		1			
1				1	
			2	1	1

4. [13 points]

	5	3	6	
	3	4	3	
	7	2	4	

5. [18 points]

3		0					
	1		1		1		
2		1					
	3		1				
					3		2
				2		3	
					1		2
				0		1	