Before you try each arrangement, try to <u>predict</u> whether it will be <u>possible</u> or <u>impossible</u>. (It's okay if your prediction is just a guess.) Then try it out and see if your prediction was correct!

7 chips			
	Prediction	Actual	
Arrangement	Possible?	Possible?	
RRRBRR			
RRBRBRR			
BRRBRRB			
BRBRBRB			
BRBBBBR			
BBBBRBB			
BBBBBB			

When you're finished, turn this sheet over to try arrangements with **8 chips!**

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Arrangement	Possible?	Possible?	
RRRBRRRR			
BRRRBRRR			
RRBRBRBR			
RBRBRRBB			
RBBBBBRR			
BRBBRBBB			
BBBRBBBB			
BBBBBBB			

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RBBBBBRR			
BRBBRBBB			
BBBRBBBB			
BBBBBBB			