Name	:		Date:		Block:
Electr	ostatic	Series Questions	(Science 9)		
		e questions in full ser n for marks.	ntences on a separate sh	neet of paper. You will be	e asked to hand this
1.		the two pairs of objeve charge. Explain.	ects are rubbed together,	predict which will end up	p with a positive or
2.	2. Object A (vinyl) and Object B (amber) are both rubbed with wool for 10 seconds.				
	a) What charge will the objects have before rubbing? After rubbing?				
	b)	Which object will ha	ave a greater (stronger)	static charge after rubbir	ng? Explain briefly.
3.	How could you get glass to have a positive static charge? How could you get glass to have a negative static charge? (Challenge: is there a way to accomplish this without rubbing the glas itself?)				•
4.	Plastic case.	wrap clings to prac	tically <i>everything</i> . Use th	e electrostatic series to e	explain why this is the
5.					
	a)		•	get the strongest static cl ce principles behind you	

b) Perform the experiment you planned in part "a" of this question.

punches stuck to the ebonite.

improved to make the results more accurate.

You will measure the strength of the static charge by counting the number of hole

c) Was your prediction correct? If NO, suggest 3 ways your experiment might have been

6. Is it possible to get two rubber balloons to stick together? Draw and explain how this might be

possible. Show this plan to your teacher, who may allow you to try this experiment.