Team Round – continued

F) These are the combinations of 1 and 2 steps:

		# of different arrangements
11111 11111	→	1
2 1111 1111	→	$\dfrac{9!}{8!}$ or $_9C_1 = 9$
22 111 111	→	$\dfrac{8!}{2!6!}$ or $_8C_2 = 28$
222 11 11	→	$\dfrac{7!}{3!4!}$ or $_7C_3 = 35$
2222 1 1	→	$\dfrac{6!}{2!4!}$ or $_6C_2 = 15$
22222	→	1

Total: **89**