Bellwork Alg 2 Thursday, May 23, 2019 4th & 6th hrs

1. A new recreational basketball league was formed in which each team plays one game against each other team. There are seven teams: The Anacondas, the Bears, the Cubs, the Dogs, the Eagles, the Ferrets, and the Gators. Create a systematic list to find the total number of games that will be played.

2. Amani, Bart, Chuck, and Dalia all called in to a radio show to get free tickets to a concert. Create a systematic list to find the number of all possible different orders in which their calls could have been received.

Bellwork

Alg 2

Thursday, May 23, 2019

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TEAMS ?	A,B,	C,D,E,I	F, G			
AB AC AD AE AF	BC BD BE BF BG	CD CE CF	DE DF DG	EF EG	FG	
AG bgames	+ 5games	+ 4game	o + 3 gai	nes+Zga	imes + Igame	= 21 games

2. Amani, Bart, Chuck, and Dalia all called in to a radio show to get free tickets to a concert. Create a systematic list to find the number of all possible different orders in which their calls could have been received. Callers : A,B,C,D

A is first	Bis first	C is first	D is first
ABCD ABDC ACBD ACDB ADBC ADCB	BACD BADC BCAD BCDA BDAC BDCA  Hocalls	CABD CADB CADB CBAD CBDA CDAB CDBA LOCALS	DABC DACB DBAC DBCA DCAB DCBA  Coalls
		= 24	calls