	2001-2002	American Computer Science League		Contest #3
		Classroom Division	Short Problems	
-1.	What Does This Program When the following array B that is mode FOR $J = 5 T$ FOR $K = B(J,K) = NEXT K$ NEXT J	r <b>am Do - Looping</b> g program is run, what is th lified? O 1 STEP –1 3 TO 10 STEP 2 = J + K	e last element of	
2.	<b>Digital Electronics</b> Write the Boolean of the following circuit	expression that is the exact t:	translation of	
	A B		<b>)-</b>	
3.	Digital Electronics Find all ordered trip TRUE.	olets (A,B,C) that make the	following circuit	
4.	<b>Graph Theory</b> How many differen directed graph?	t paths of length 2 exist in	the following	
5.	<b>Graph Theory</b> How many cycles e	xist in the following direct	ed graph?	

American Computer Science League

## Classroom Division Shor

Short Problems

