## **SIGMA**

## MIDDLE / JUNIOR HIGH MATHEMATICS LEAGUE

	CONTEST NUMBER 1		GRADE 7
	NAME:	SCORE:	NAME AND ADDRESS OF THE OWNER OWNER OF THE OWNER O
	TIME: 30 minutes	ANSWER COLUMN	
1	A recent report stated that the five most popul (26%), Chocolate (12.9%), Neopolitan (4.8%) Cookies 'n' Cream (4%). If 1000 people were favorite flavor of ice cream, how marry would	),_Strawberry (4.3%) and e interviewed concerning their	
2	Let a + b + c + d = 29, a + c = 13, and a + b +	- d = 19. What is the value of a?	
3	A pound is 16 ounces. Nine pennies weigh o of pennies, how much money (in dollars and	ST TO THE STATE OF	
4	Let a and b be digits of a three-digit numbe "6ab" is divisible by 4, how many possibilities "ab"?		
5	According to the Musgrave Pencil company to sharpened 17 times (if sharpened well) and may times will I have to sharpen the pencil if	will draw a line 35 miles long. How	,
6	How many two-digit positive integers less that than the tens digit?	n 100 have the units digit greater	
7	. A digital clock displays 1 or 2 digits for the ho Between the hours of 1:00 p.m. and 5:00 p.m will represent a perfect square number?		
8	Rock Falls and the following towns are located. The town of Columbus is west of Rock Falls. of Rock Falls. Lexington is east of Rock River Springs is west of Rock Falls and Rock River	Ames is east of Columbus but west er but west of Columbus. Soda	t