SIGMA

MIDDLE / JUNIOR HIGH MATHEMATICS LEAGUE

CONTEST NUMBER 1	GRADE 8
NAME:	SCORE:
TIME: 30 minutes	ANSWER COLUMN
 A recent report stated that the five most popular (26%), Chocolate (12.9%), Neopolitan (4.8%), Cookies 'n' Cream (4%). If 1000 people were if favorite flavor of ice cream, how many would ex- flavors? 	Strawberry (4.3%) and interviewed concerning their
2. Let $x + y + z = 14$, $x + z = 4$, and $y + z = 12$.	What is the value of z?
3. A pound is 16 ounces. Nine pennies weigh one of pennies and Jill has 5 pounds of pennies, he and cents) does Jill have than Jack?	
4. Let a and b be digits of a three-digit number "6ab" is greater than 650. What is the sum of a which these conditions are true?	
 According to the Musgrave Pencil company the sharpened 17 times (if sharpened well) and w (considering all short and long words). If a par 300 words per page, how many pencils are ne 	rill write 45,000 words rticular 500 page book averages
How may three-digit positive integers less than than the tens digit?	150 have the units digit greater
7. A digital clock displays 1 or 2 digits for the hour Between the hours of 1:00 p.m. and 7:30 p.m. will represent a perfect square number?	
 Columbus and the following towns are located Columbus is west of Ames and east of Lexington Springs and Ames. Lexington is west of Columbus west of Rock Falls. Which town is farthest west. 	on. Rock River is between Soda nbus but east of Rock River. Ames