

board without much hesitation. Is the answer correct? Most students will want to check it, and they add the columns willingly.

Depending on the grade level, one of the following things could be done next: Why is the answer correct? You could show them the numerals that were matched. How were they matched? Tell the students that you arrived at the sum by using the 9 - times table. Ask them to find out how many nines divide into that sum.

Once the matching pattern is discovered, the following problems could be presented to the class: For a similar trick, how many numerals would your friend have to write down and how many would you have to write down to yield a sum of 29,997? Suppose you have the sum 4,995 in mind. How many digits would there have to be in the numerals your friend writes down? How many of these numerals would you ask him to write down? Similarly, how many for 59,994; 7,992; and so on. Could the same procedure be used for multiplication facts with the 8 and 7 (or even 6)? What restrictions would you have to state or make before your friend dictates his numerals to you?

Finally, a suggestion for a homework assignment that almost every pupil will complete: Ask your students to "impress" their friends or parents by showing them how quickly they can add. (Challenge Dad to an adding match for 10¢).

An example of related activities was presented. There exist many others. Is this drill? Well, it is practice with a purpose and perhaps with the same or even better results.

THE ONTARIO JUNIOR MATHEMATICS CONTEST

The total number of competitors in the 1969 Ontario Junior Mathematics Contest was 17,171, representing 791 schools. The *second highest score* in Canada was made by L.W. Tu of Harry Ainlay Composite High School in Edmonton. *Five other Alberta students made the Canadian Honour Roll.* These were R. Liknaitzky, Jasper Place Composite High, Edmonton; R.J. Nowakowski, St. Francis High School, Calgary; D.N. Williams, McNally Composite High School, Edmonton; D.E. Anderson, Paul Kane High School, St. Albert; and L.R. Custead, William Aberhart High School, Calgary. The individual champion is Brian Calvert of G.A. Wheable Secondary School, London, Ontario.

In the Canadian Team Competition, the championship was won by Sir Winston Churchill Secondary School, Vancouver. The Harry Ainlay Composite High School team from Edmonton was fifth in the Canadian Team Honour Roll, which included 41 schools across Canada.

Eighty-one students were listed on the 1969 Alberta Provincial Honour Roll for the Junior Contest. Congratulations are extended to all those who participated in the contest.