



Math Olympiad and Problem Solving Programs  
E120 - Honors Algebra Problem Solving  
Problem Set 20.1 - Special Algebraic Rules

Name:

Date:

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**Instruction:** Using the special algebraic rules, calculate the following without the use of a calculator.

1.  $\boxed{39975}$

2.  $\boxed{900}$

3.  $\boxed{18}$

4.  $\boxed{39601}$

5.  $\boxed{4017}$

6.  $\boxed{8000}$

7.  $\boxed{13}$

8.  $\boxed{\frac{1}{40}}$

9.  $\boxed{78}$

10.  $\boxed{26969}$