

ID: \_\_\_\_\_

## CIS 455 Class Activity #1: Partial Digest Problem

For input  $L = \{1, 2, 3, 5, 7, 8\}$  solve the partial digest problem.

Final solution:  $\mathbf{X} = \{ 0, 5, 7, 8 \}$

Did you find more than one solution? If so, what are they?

$$\mathbf{X} = \{ 0, 1, 3, 8 \}$$

Solve this problem by hand, using the partialDigest algorithm.

Mark all the steps you make including backtracking.

[illegible]