

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Sheet #0362q: Questions using values of Tables in Sheet #0362.

A. "First Table."

1. Let  $S(x)$  be the inverse of  $f(x)$

Find  $S'(2)$ , and  $S'(3)$ . Does  $S'(1)$  exist? Does  $S'(5)$  exist?

2. Let  $R(x)$  be the inverse of  $g(x)$ .

Find  $R'(0)$ , and  $R'(1)$ . Does  $R'(2)$  exist? Does  $R'(5)$  exist?

B. "Second Table."

1. Let  $W(x) = [f(x)]^3$ . Find  $W'(1)$ .

2. Let  $V(x) = f(x^2)$ . Find  $V'(2)$ .

3. Let  $T(x)$  be the inverse of  $f(x)$ . Find  $T'(2)$ .

Answers: 6, 16, 2.