

Name:

Section 2.2

Math 151 – Spring 2019

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1. Find approximate values for  $f'(5)$  and  $f'(15)$ .

$x$	0	5	10	15	20
$f(x)$	100	70	55	46	40

2. Match each property (a) – (d) with one or more of graphs (I)–(IV) of functions.

(a)  $f'(x) = 1$  for all  $0 \leq x \leq 4$ .

(b)  $f'(x) > 0$  for all  $0 \leq x \leq 4$ .

(c)  $f'(2) = 1$

(d)  $f'(1) = 2$

