

1. Analyze each pair of representations. Then, answer each question and justify your reasoning.

a. Which function has a greater average rate of change for the interval (2, 4)?

A	B								
$f(x) = (x + 1)^2 + 20$	<table><tr><th data-bbox="1141 554 1460 678"><math>x</math></th><th data-bbox="1460 554 1778 678"><math>y</math></th></tr><tr><td data-bbox="1141 678 1460 802">0</td><td data-bbox="1460 678 1778 802">4</td></tr><tr><td data-bbox="1141 802 1460 926">2</td><td data-bbox="1460 802 1778 926">0</td></tr><tr><td data-bbox="1141 926 1460 1051">4</td><td data-bbox="1460 926 1778 1051">4</td></tr></table>	$x$	$y$	0	4	2	0	4	4
$x$	$y$								
0	4								
2	0								
4	4								