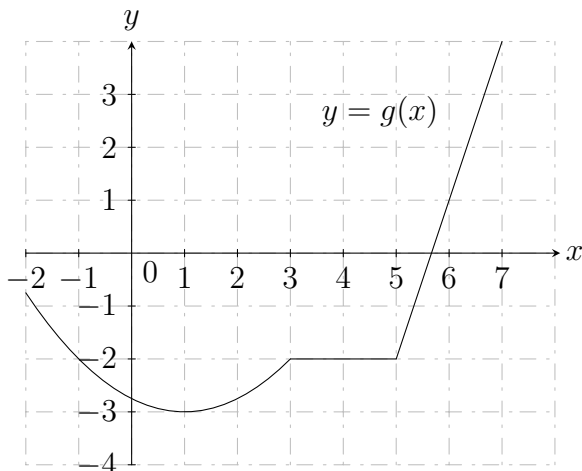# MAT 136 (Calculus I), Quiz 5, Prof. Jim Swift

Name: _____

You may work on this in groups, but turn in your own quiz.

1. Let $f(x) = 2x - 7$ and suppose g is given by the graph. Use this information to find the following:

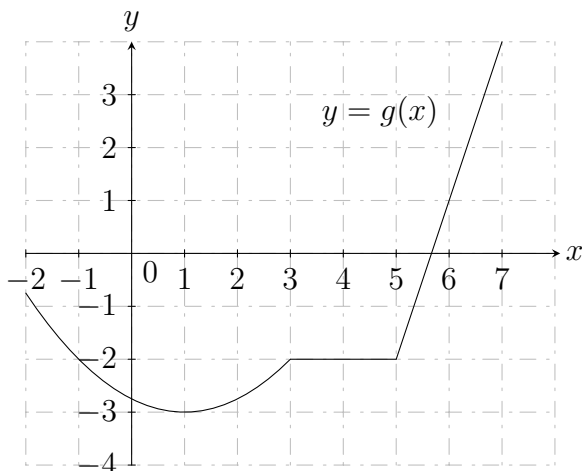1. Find $v'(6)$ if $v(x) = f(x)g(x)$.

2. Estimate $p'(6)$ if $p(x) = g(g(x))$.

MAT 136 (Calculus I), Quiz 5, Prof. Jim Swift

Name: _____

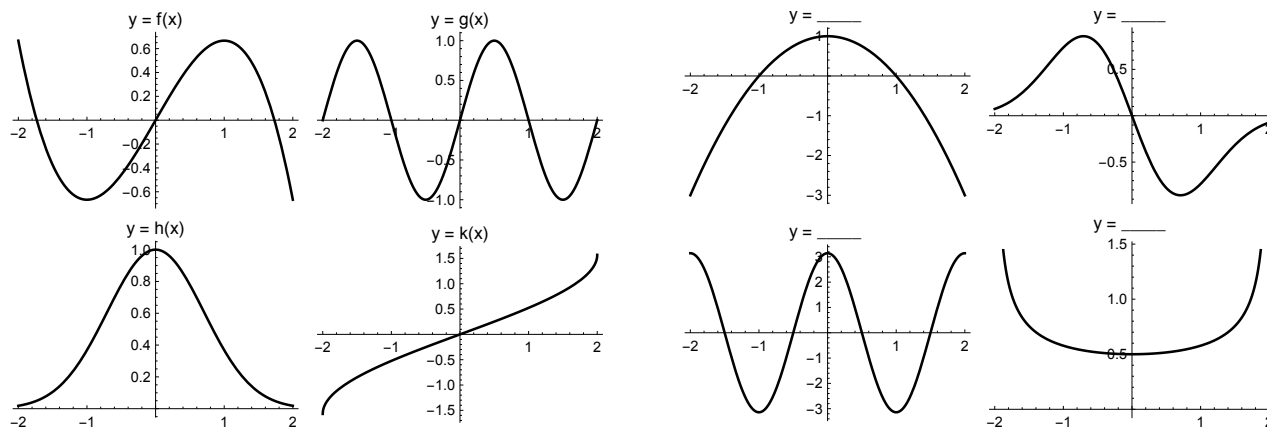You may work on this in groups, but turn in your own quiz.

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2. Fill in each blank in the right figures with $f'(x)$, $g'(x)$, $h'(x)$ or $k'(x)$ to match the graph of the derivative to the graph of the function.

y = f(x)

y = g(x)

y = _____

y = _____

y = h(x)

y = k(x)

y = _____

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