

Thu Mar 15 15:15:21 MST 2007

/m143.sp07/handouts143/q314/q314_143

These are alleged answers. For each error herein, you get extra-credit points for being the first to report it by e-mail.

- 1 If $f(x) = 3x + 7$ and $g(x) = 2x - 5$, then

$$\begin{aligned}(f \circ g)(x) &= f(g(x)) \\ &= 3g(x) + 7 \\ &= 3(2x - 5) + 7 \\ &= 6x - 15 + 7 \\ &= 6x - 8\end{aligned}$$