Name:_____   Date: _____

<u>MA 226 Quiz 1 – A</u>

Please show your work.

1. (5 pts) Use the method of partial fractions to integrate $\displaystyle\int \frac{x+12}{(x-3)(x+2)}dx$

2. (5 pts) Use the method of integration by parts to integrate $\displaystyle\int_{x=0}^{\pi} x\cdot\sin(x)\,dx =$