

The majority of the credit you receive will be based on the completeness and the clarity of your responses. **Show all of your work and justify your solutions as much as possible.**  
This is a 15 minute quiz and has 1 questions, for a total of 10 points

(11 points) 1. Find the partial fraction expansion of

$$\frac{x + 14}{(x + 4)(x + 12)} = \frac{A}{x + 4} + \frac{B}{x + 12}.$$