Math	120)	
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Quiz	#1	(20	points)

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Instructions: You have 25 minutes for this quiz. You MUST show work for credit. No credit for answers only. If in doubt, ask for clarification. NO GRAPHING CALCULATORS ALLOWED. Use 2 decimal places of accuracy. Note that the second question has three parts.

1. (6pts) During a typical evening, Zeek's pizza will recieve phone orders for delivery at a constant rate of 3 pizzas every 12 minutes. How many pizzas will they sell in 4 hours?

- 2. (14pts) Brooke are Sher are talking on their cell-phones. Brooke is standing on the beach and Sher is in a boat 10 miles offshore (as pictured; view from above). Sher starts moving 2 miles/hour North and Brooke begins walking South along the beach 4 miles/hour; they continue to talk as they move.
 - (a) (4pts) Where are the women located after 2 hours? (You need to give precise coordinates in some imposed coordinate system.)



