Innovators Inc. produces two products, A and B, with the following characteristics:

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|  | **Product A** | **Product B** |
| Selling price per unit | $10 | $15 |
| Variable cost per unit | $ 8 | $10 |
| Expected sales (units) | 10,000 | 5,000 |

Total fixed costs for the company are $21,000.

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| A. | What is the anticipated profit given the expected sales volume ? |
| B. | Assuming the product mix would be the same at the break-even point, compute the break-even point (be sure to indicate the number of units of each product) . |
| C. | If only product A was sold, how many units would be needed to break even ? |
| D. | If only product B was sold, how many units would be needed to break even ? |
| E. | If the product mix changed so that equal units of A and B were sold, what would be the new break-even point in total units? |