Assuming a = 5, b = 4, c = 3, indicate whether each of the following conditions resolve to true or false:

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| --- | --- | --- | --- | --- |
| 1. **Case** | 1. **Test** | 1. **Expansion** | 1. **Expansion 2** | 1. **Result** |
| 1. a) | 1. (a < b) | 1. 5 less than 4 |  | 1. FALSE |
| 1. b) | 1. (a != b) | 1. 5 not equal to 4 |  | 1. TRUE |
| 1. c) | 1. (a > b) and (a < c) | 1. (5 > 4) and (5 < 3) | 1. TRUE and FALSE | 1. FALSE |
| 1. d) | 1. (a > b) or (a < c) | 1. (5 > 4) or (5 < 3) | 1. TRUE or FALSE | 1. TRUE |
| 1. e) | 1. (a – 1 == b) | 1. ( 5 – 1 ) == 4 | 1. 4 == 4 | 1. TRUE |
| 1. f) | 1. not (b > c) | 1. NOT ( 4 > 3 ) | 1. NOT TRUE | 1. FALSE |