ADS 1: Problem 1

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(1 pt) $A = \{1, 3, 5\}, B = \{2, 3\}$

Check ALL elements of the following sets:
(a) $A \cap B$

- [x] **A.** 3
- [ ] **B.** 2
- [ ] **C.** 1
- [ ] **D.** 5
- [ ] **E.** 4

(b) $A \cup B$

- [x] **A.** 3
- [ ] **B.** 4
- [x] **C.** 5
- [x] **D.** 1
- [x] **E.** 2

(c) $A - B$

- [ ] **A.** 4
- [ ] **B.** 3
- [x] **C.** 1
- [ ] **D.** 2
- [x] **E.** 5

(d) The Symmetric difference of A and B, denoted by $A \oplus B$, is the set containing those elements in either A or B, but NOT in both.
Check all elements below that are in $A \oplus B$.

- [x] **A.** 2
- [x] **B.** 1
- [ ] **C.** 4
- [x] **D.** 5
- [ ] **E.** 3

Note: *You can earn partial credit on this problem.*

Preview Answers Submit Answers

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Your overall recorded score is 100%.
You have unlimited attempts remaining.

Email instructor

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