Question 1: Fill in the missing entries for the expression: not (A and B)

| Α | В | Q |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

| _ | В | Q |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

Question 2: Fill in the missing entries for the expression: A or not B or not C or not D or not E

| Δ | В | | Ь | E | Q |
|------------|----------|------------|-----|-----|------------|
| 0 | О | 0 | 0 | 0 | 1 L |
| 0 | О | 0 | 0 | 1 | 1 |
| 0 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 0 | 1 | ı | 1 |
| 0 | 0 | <u> </u> | 0 | 0 | ᅟᅟᅟᅟ |
| 0 | О | 1 1 | 0 | 1 | 1 |
| 0 | 0 | 1 1 | 1 1 | 0 | 1 |
| 0 | О | 1 1 | 1 | 1 | ? |
| 0 | 1. | 0 | 0 | 0 | 1 |
| 0 | 1_ | 0 | 0 | 1 | 1 |
| 0 | 1. | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | ? |
| 0 | 1_ | 1 | 0 | 1 | |
| 0 | 1 | 1 1 | 1. | 0 | 1 |
| 0 | 1. | 1 1 | 1 1 | 1. | 0 |
| 1 | 0 | 0 | 0 | 0 | 1 |
| 1 | 0 | 0 | 0 | 1 | 1_ |
| ı | О | 0 | 1 1 | 0 | 1 |
| 1 | 0 | 0 | 1 1 | 1 | 1 |
| 1. | 0 | 1. | 0 | 0 | ? |
| 1 | 0 | <u> </u> | 0 | 1 | 1 |
| 1 | О | 1 1 | 1. | 0 | 1_ |
| 1 | 0 | 1 1 | 1 1 | 1 | 1 |
| 1 . | 1 | 0 | 0 | 0 | 1_ |
| 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | I | 0 | 1 | 0 | 1 |
| 1 | 1. | 0 | 1. | 1 | 1_ |
| 1 | 1 | 1 1 | 0 | 0 | |
| 1 | 1. | 1 1 | 0 | 1. | 3 |
| 1 | 1 | 1 1 | 1. | 0 | 3 |
| 1 . | 1 | 1 1 | 1 1 | 1 1 | 1 |

| Δ | В | c | Ь | E | Q |
|----------|-----|-------------|-----|-----|------------|
| 0 | О | 0 | О | О | ュ |
| 0 | 0 | 0 | 0 | 1 | 1 |
| 0 | 0 | 0 | 1. | 0 | 1 . |
| 0 | 0 | 0 | 1 1 | 1 | 1_ |
| 0 | 0 | 1 1 | 0 | 0 | 1 |
| 0 | 0 | 1 1 | 0 | 1 1 | 1 |
| 0 | 0 | 1. | 1 1 | 0 | 1 |
| 0 | 0 | 1 1 | 1 1 | 1 | 1 |
| 0 | 1 | 0 | 0 | 0 | 1 |
| 0 | 1. | 0 | 0 | 1 | 1 |
| 0 | 1 1 | 0 | 1. | 0 | 1_ |
| 0 | 1 | 0 | 1. | 1 | 1 |
| 0 | 1 | 1 1 | 0 | 0 | 1 |
| 0 | 1 | 1 1 | 0 | 1 | 1 |
| 0 | 1 | 1. | 1 1 | 0 | 1 |
| 0 | 1 | 1 1 | 1 1 | 1 | 0 |
| 1 | 0 | 0 | 0 | 0 | 1 |
| 1 | 0 | 0 | 0 | 1 | 1 |
| ı | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 1 | 1 | 1_ |
| 1 | 0 | 1 1 | 0 | 0 | 1 1 |
| 1 | 0 | 1. | 0 | 1. | 1 |
| 1 | 0 | 1 1 | 1. | 0 | 1 |
| ı | 0 | 1 1 | 1 1 | ı | 1 |
| 1 | 1. | 0 | 0 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1. | 0 | 1. | 0 | 1 . |
| 1 | 1. | 0 | 1. | 1 | 1_ |
| 1 | 1. | 1 1 | 0 | 0 | 1 |
| 1 | 1. | 1 1 | 0 | 1 | 1 |
| 1 | 1. | 1 1. | 1. | 0 | |
| 1 | 1 1 | 1 1 | 1 1 | 1 1 | 1 1 1 |

Question 3: Fill in the missing entries for the expression: not (A or not B)

| Α_ | В | Q |
|----|---|---|
| 0 | 0 | ? |
| 0 | 1 | 1 |
| 1 | 0 | ? |
| 1 | 1 | 0 |

| A | В | Q |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 0 |
| 1 | 1 | 0 |

| _ | В | Q |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | ? |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

| A | В | Q |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |