

Convention for filling bit values: (0 then 1)

| x | y | $x \vee y$ | $x \wedge y$ | $x \oplus y$ |
|---|---|------------|--------------|--------------|
|   |   |            |              |              |
|   |   |            |              |              |
|   |   |            |              |              |
|   |   |            |              |              |

| Problem        | a        |
|----------------|----------|
| String 1       | 100 1110 |
| String 2       | 010 0011 |
| $\vee$ (OR)    |          |
| $\wedge$ (AND) |          |
| $\oplus$ (XOR) |          |

| Problem  | b |
|----------|---|
| String 1 |   |
| String 2 |   |
|          |   |
|          |   |
|          |   |

| Problem  | c |
|----------|---|
| String 1 |   |
| String 2 |   |
|          |   |
|          |   |
|          |   |