

A

Q's view (private goal)

is safe?

COMPLETE ANY **ROW**

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

| | | |
|----|----|----|
| | A2 | A3 |
| B1 | B2 | B3 |
| C1 | C2 | C3 |

A's view (private location information)

is safe?

| | | |
|--|--|--|
| | | |
| | | |
| | | |

| | | |
|----|----|----|
| | A2 | A3 |
| B1 | B2 | B3 |
| C1 | C2 | C3 |

B

① Q assigned goal ② Q selects question ③ A asked about goal ④ A selects answer ⑤ Q sees answer

COMPLETE ANY **ROW**

is safe?

which goal do you think the questioner has?

no, it is not safe

but is

| | | |
|----|----|----|
| | | A3 |
| B1 | B2 | B3 |
| | C2 | C3 |

C

empty condition

COMPLETE ANY **ROW**

COMPLETE ANY **COLUMN**

| | | |
|--|--|--|
| | | |
| | | |
| | | |

| | | |
|--|--|--|
| | | |
| | | |
| | | |

pragmatic condition

COMPLETE ANY **ROW**

COMPLETE ANY **COLUMN**

| | | |
|--|--|--|
| | | |
| | | |
| | | |

| | | |
|--|--|--|
| | | |
| | | |
| | | |

blocked condition

COMPLETE ANY **ROW**

COMPLETE ANY **COLUMN**

| | | |
|--|--|--|
| | | |
| | | |
| | | |

| | | |
|--|--|--|
| | | |
| | | |
| | | |

random condition

COMPLETE ANY **ROW**

COMPLETE ANY **COLUMN**

| | | |
|--|--|--|
| | | |
| | | |
| | | |

| | | |
|--|--|--|
| | | |
| | | |
| | | |