Question One

On a table are various cards. Each card has a letter on one side and a number on the other.
To verify the statement shown, which cards do you have to turn over? (Turn over only those strictly necessary for the verification.)

$$\boxed{A} \quad \boxed{D} \quad \boxed{7} \quad \boxed{4}$$

"If a card has a vowel on one side, then it has an even number on the other side."

1. A, 4
2. A
3. A, 4, 7
4. A, 7
5. none of the above

Question Two

To verify the statement shown, which cards do you have to turn over?

$$\boxed{\text{Coke}} \quad \boxed{\text{Beer}} \quad \boxed{19} \quad \boxed{35}$$

"If a patron is drinking a beer, then they must be 21 years or older." (Cards represent patrons: drink on one side, age on the other.)

1. BEER, 35
2. BEER, 19
3. BEER, 35, 19
4. BEER
5. none of the above

Question One

To verify the statement shown, which cards do you have to turn over?

$$\boxed{A} \quad \boxed{D} \quad \boxed{7} \quad \boxed{4}$$

"If a card has a vowel on one side, then it has an even number on the other side."

1. A, 4 —- general population: 45%
2. A —- general population: 35%
3. A, 4, 7 —- general population: 7%
4. A, 7 —- general population: 4% **CORRECT ANSWER**
5. none of the above —- general population: 9%

Question Two

To verify the statement shown, which cards do you have to turn over?

$$\boxed{\text{Coke}} \quad \boxed{\text{Beer}} \quad \boxed{19} \quad \boxed{35}$$

"If a patron is drinking a beer, then they must be 21 years or older."

1. BEER, 35 —- general population: 0% (down from 45%)
2. BEER, 19 —- general population: 72% **CORRECT ANSWER** (up from 4%)
3. BEER, 35, 19 —- general population: 3% (down from 7%)
4. BEER —- general population: 20% (down from 35%)
5. none of the above —- general population: 5% (down from 9%)

http://www.psychologyinaction.org/2012/10/07/classic-psychology-experiments-wason-selection-task-part-i/