***Links to research***

A researcher conducted a field experiment to test the FAH.

A male research assistant (confederate) was instructed to push into a queue of people waiting to be served at a busy ticket office.

* In one condition, the assistant pushed in front of the person who was second in line.
* In another condition, the assistant pushed in front of the person who was twelfth in line.

The research assistant did this ten times in each condition.

The researcher assumed that how close a person is to reaching their goal has a strong effect on how much frustration they experience. She hypothesised that people who are second in line would feel more aggressive than those who were twelfth in line.

After each person bought their ticket, they were asked to rate how aggressive they felt towards the person who had pushed in, on a 7-point scale (1= not at all aggressive – 7= extremely aggressive). The mean ratings are shown in the table below.

|  |  |  |
| --- | --- | --- |
|  | **Second in line** | **Twelfth in line** |
| **Mean rating** | 5.9 | 2.4 |

1. Was the researcher’s hypothesis one-tailed or two-tailed? (1 mark)
2. Why did the researcher likely choose this type of hypothesis (1 mark)
3. Outline one strength and one limitation of choosing to conduct a field experiment (4 marks)
4. Name an inferential statistical test that could have been used to analyse the data. Explain your choice. (4 marks).
5. The researcher wrote a report of the investigation and submitted it to a peer-reviewed journal. Explain what is meant by peer review (2 marks)
6. Write a suitable abstract for this investigation. (6 marks).
7. What is the purpose of an abstract? (1 mark).