*State whether each of the following is deterministic, non-deterministic or either (ie could be solved deterministically or non-deterministically) and justify your choice:*

1. a) writing Christmas cards to family
2. **non-deterministically** as not known how many members to writing Christmas cards.
3. **or**
4. **deterministically** in case its written to a family as a whole.
5. b) washing up
6. **non-deterministically** as not known how many items to be washed.
7. c) reading a book

**non-deterministically** as not known how many pages in the book ergo how long will it take to be read.

1. d) waiting for someone to answer the phone

**non-deterministically** as not known how long to be waiting for the answer.

1. e) counting to 10 in French

**deterministically** as known that the count is from 1 to 10, the range is already determined.

1. f) playing a game of 501 in darts

**deterministically** as known the game is played till any player reach 0 from 501.

1. g) laying the table for a dinner party

**non-deterministically** as not known for how many individuals the table is laid for.

1. h) answering this question

**deterministically** asthere is one question to answer for.