| )     | In a game, three stars are hidden at random.  Each star is behind a different square on this board.                               |   |   |   |   |   |           |
|-------|---|---|---|---|---|---|-----------|
|       |   |   |   |   |   |   |           |
|       |   | A | В | С | D | E | AV9A      |
|       | 1   |   |   |   |   |   |           |
|       | 2   |   |   |   |   |   |           |
|       | 3   |   |   |   |   |   |           |
|       | 4   |   |   |   |   |   |           |
|       | 5   |   |   |   |   |   |           |
|       | •   |   |   |   |   |   |           |
| 9 (a) | A square is chosen at random.   |   |   |   |   |   |           |
|       | What is the probability that there is a star behind it?   |   |   |   |   |   | [1 mark]  |
|       | Answer  |   |   |   |   |   |           |
|       | Answer _  |   |   |   |   |   |           |
| 9 (b) | In one game, the stars are behind three consecutive squares.  The squares are in one row or one column.  One of the squares is E2 |   |   |   |   |   |           |
|       | Write down <b>all</b> the possible pairs for the other two squares.   |   |   |   |   |   | [2 marks] |
|       |   |   |   |   |   |   |           |
|       |   |   |   |   |   |   |           |
|       |   |   |   |   |   |   |           |
|       | Answer  |   |   |   |   |   |           |
|       |   |   |   |   |   |   |           |



