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| **Test Description** | **Test Data** | **Expected result** |
| Test if pawn can go 2 squares forward when it’s first being moved. | Moving the pawn from a2 to a4 | Expect to see that it can go 2 squares forward only when it is first moved, and it highlights the 2 squares in front. |
| Test if a rook can go diagonally | Click the rook to move from a1 to d4 | Expecting to see that any squares that aren’t vertical or horizontal are not being highlighted as an option to move. |
| Test if a queen can go over other pieces. | Moving the queen from b6 to d4 with a horse in between | Expecting that the queen wouldn’t be able to move forward in that situation as she is blocked by the pawn and so the squares are not being highlighted. |
| You cannot move a king in a check mate position | Moving the king in front of a queen where she could take it. | Expecting the game to not highlight the positions where the king can be taken. |
| Testing if the bishop can move vertical or horizontal | Moving the bishop from c1 to d3 | Expecting to not highlight the squares that are not diagonal, and it won’t be able to move to d3. |

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| Actual Result | Test Evidence |
| It highlighted the squares in front as it was the first time moving the pawn, meaning it works as I expected. |  |
| Only vertical and horizontal squares were highlighted for the rook, so it couldn’t go vertically. This is what I expected so the test went well. |  |
| The queen couldn’t go past a pawn or a horse, meaning that the test was successful as it went as I expected. The squares past a blocked piece from my side can’t be jumped by the queen. |  |
| The King couldn’t move to the right where it was in check, only allowing it to go in one direction as other moves weren’t possible. This is what I expected so the test was successful. |  |
| The bishop in the picture can’t move forward, vertically, meaning that it only has the option to go diagonally. This brings my test to a success as it went as I expected, and it only highlights the correct squares it can move to. |  |