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| **Investigating Simultaneous Equations** |
| **(a)** | **(b)** |
| Solve the simultaneous equations $x+2y=10$ $2x+y=14$ | Solve the simultaneous equations $4x+3y=24$  $x+2y=11$ |
| Plot the equations of the lines $x+2y=10$ and $2x+y=14$ on the same axes below. What do you notice? | Plot the equations of the lines $4x+3y=24$ and $x+2y=11$ on the same axes below. What do you notice? |