8 (a) Express the inequality $-3<w \leq 7$ on the number line below.
$-3<w \leq 7$

| $\begin{array}{lllllllllllllllllllllll}0 & -9 & -8 & -7 & -6 & -5 & -4 & -3 & -2 & -1 & 0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10\end{array}$ |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |

[2 marks]
(b) Billy doesn't know how much cash he has in his wallet. He has at least 2 pounds but not more than 5 pounds. Express this as an inequality.

## [2 marks]

[Total for Question 8 is 4 marks]
9 Jane and Peter share £96 in the ratio 5:3.
Calculate how much more money Jane gets than Peter.
Show your workings clearly.

