

- 1. In this question you must show all stages of your working.
Solutions relying on calculator technology are not acceptable.**

Find the values of x for which

(a) $4(x - 3) > 8 - 2x$ **(2)**

(b) $(2x + 5)(x - 8) < 0$ **(2)**

(c) both $4(x - 3) > 8 - 2x$ and $(2x + 5)(x - 8) < 0$ **(1)**