23. *(a)* Solve the inequality

$$7x - 3 < 14 + 4x.$$

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....

[2]

(b) Write down the largest whole number that satisfies this inequality.

....

[1]

22. *(a)* Solve the inequality

$$3x - 11 \leqslant 7 - 5x.$$

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....

[2]

(b) Write down the largest whole number that satisfies this inequality.

....

[1]

24. *(a)* Rearrange the inequality $35 - 3n > 2n + 7$ into the form $n <$ *some number.*

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[2]

(b) Given that n also satisfies the inequality $3n > 1$, write down all the integer values of n that satisfy both inequalities.

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[2]

24. On the graph paper provided on the next page, draw the region which satisfies all of the following inequalities.
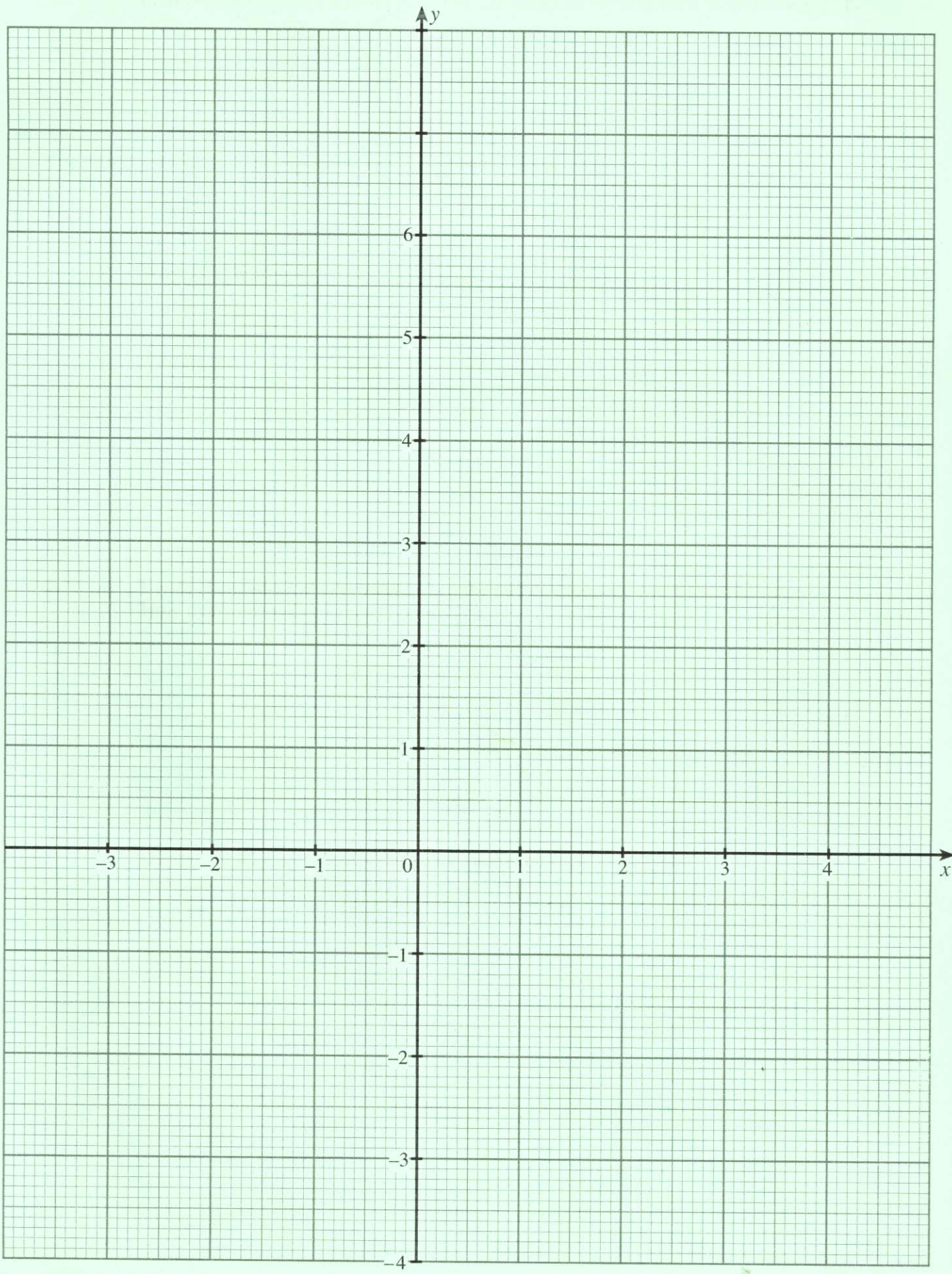
$$x \geqslant -3$$
$$y \geqslant 2x - 1$$
$$y \geqslant 0$$
$$\text{and} \quad y \leqslant 3 - x$$

Make sure that you clearly indicate the region that represents your answer.

[4]

26. On the graph paper opposite, draw the region, which satisfies all of the following inequalities.

$$x < 4$$
$$y > -3$$
$$2y - x < -2$$

Make sure that you clearly indicate the region that represents your answer.

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[3]