Linear models: equations, inequalities and intersections — Further practice

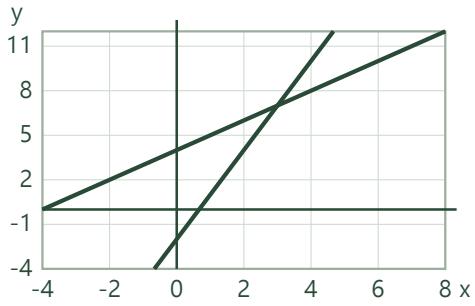
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Further practice 11

For whole-number uses $n \geq 0$, plan A costs $2n+5$ and B costs $3n$. When is A strictly cheaper?

Further practice 12

Find the common point of the two given lines, or explain why there is none or there are infinitely many.



Use the stated conditions and the labelled scales.

Further practice 13

For the given function, solve $y \leq 0$. Explain the required part of the graph.

$$y = 2x - 6$$

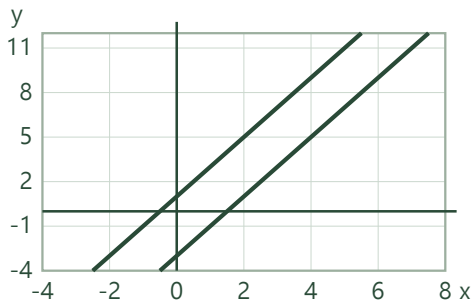
Further practice 14

For a whole-number input $n \geq 0$, $y=n-3$. Find the smallest input giving $y>0$.

$$y = 1x - 3$$

Extension 15

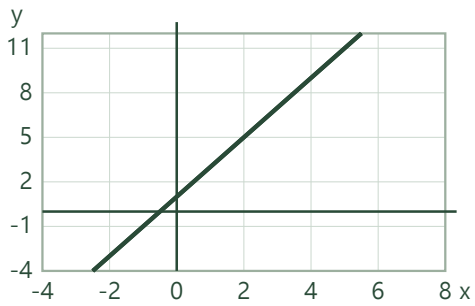
Find the common point of the two given lines, or explain why there is none or there are infinitely many.



Use the stated conditions and the labelled scales.

Extension 16

Find the common point of the two given lines, or explain why there is none or there are infinitely many.



Use the stated conditions and the labelled scales.