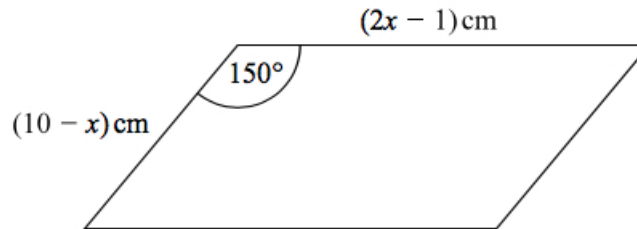# Dr Oliver Mathematics
## Worked Examples
## Quadratic Inequality 1

**From:** Edexcel 2019 November Paper 2H (Calculator)

1. The diagram shows a parallelogram.



The area of the parallelogram is greater than 15 cm$^2$.

(a) Show that (3)
$$2x^2 - 21x + 40 < 0.$$

(b) Find the range of possible values of $x$. (3)