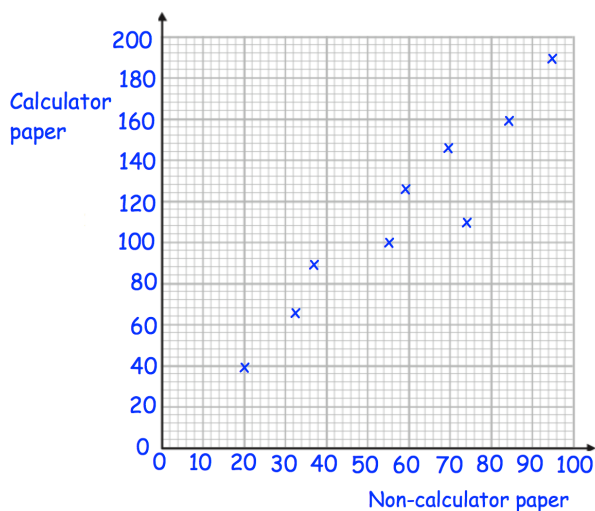




Solve $x^2 - 8x - 33 = 0$

The students in a class sit a non-calculator and a calculator maths paper.



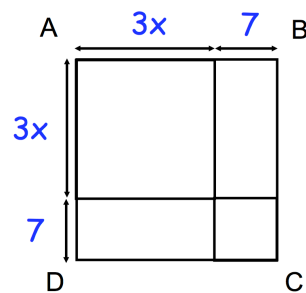
Lucy was absent for the calculator paper, but she scored 80 in the non-calculator paper.

Use a line of best fit to predict her calculator paper score.

Zofia was absent for the non-calculator paper, but she scored 60 in the calculator paper.

Use a line of best fit to predict her non-calculator paper score.

Find an expression for the area of square ABCD.



Solve the simultaneous equations

$$3x + 8y = 31$$

$$5x + 3y = 31$$