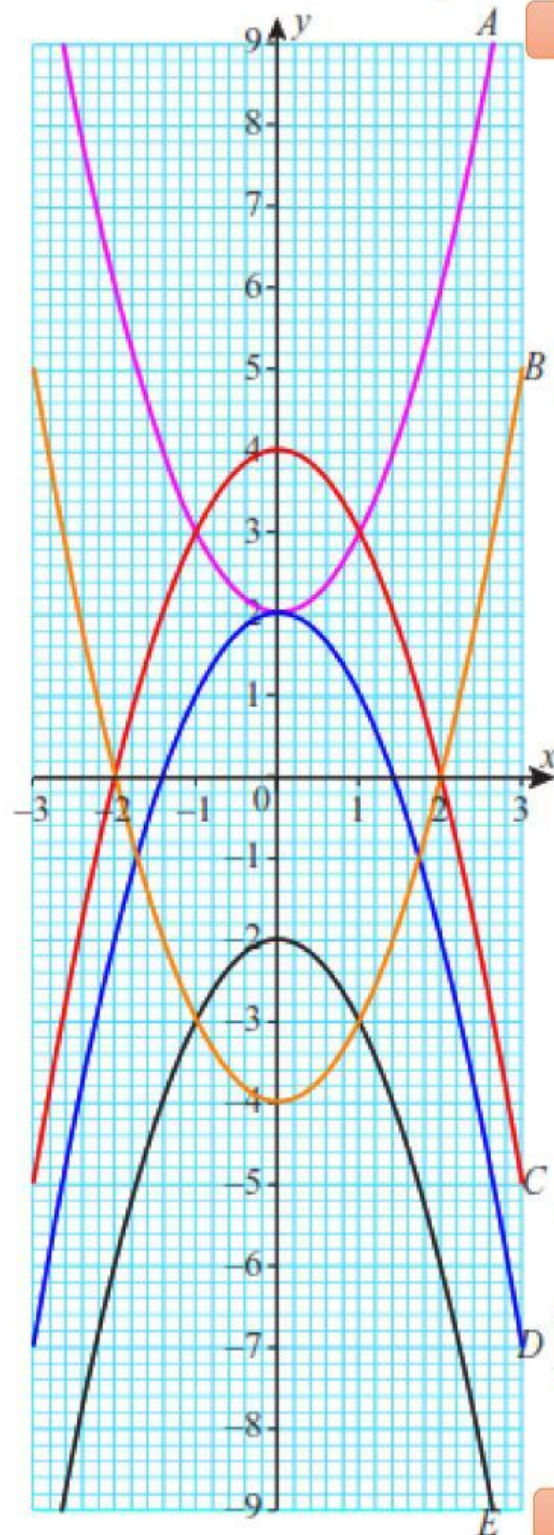


Mathematics Worksheet
IGCSE 0580. Chapter 18. Plotting quadratic graphs

Match each of the five parabolas shown here to its equation.

- a $y = 4 - x^2$
- b $y = x^2 - 4$
- c $y = x^2 + 2$
- d $y = 2 - x^2$
- e $y = -x^2 - 2$



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$$y = 5 - 3x^2$$

Complete the table by entering the missing value.

x	-3	-2	-1	0
y	-22	-7		5

What are the coordinates of the **vertex** of the parabola $y = 3x^2 - 4$?

(,)