

Q1. (2021)

15 (a) Complete the table of values for $y = x^2 - 2$

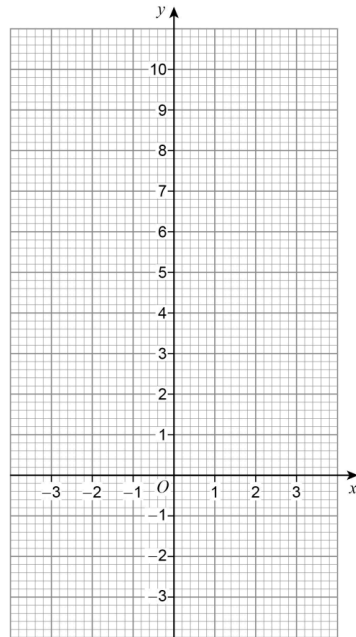
[1 mark]

x	-3	-2	-1	0	1	2	3
y		2	-1	-2	-1		

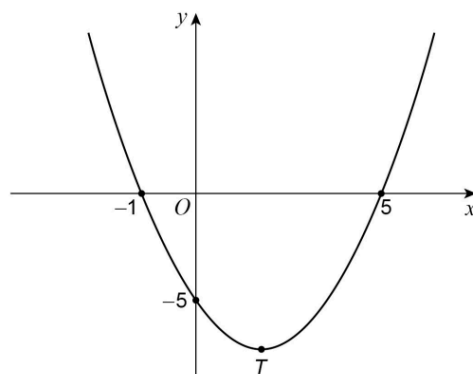
Q2. (2021)

15 (b) Draw the graph of $y = x^2 - 2$ for values of x from -3 to 3

[2 marks]



Q3. (2022)

23 Here is a sketch of the curve $y = x^2 - 4x - 5$ 

(A)

23 (a) Write down the **two** roots of $x^2 - 4x - 5 = 0$

[1 mark]

Answer _____ and _____

(B)

- 23 (b) Work out the coordinates of T , the turning point of the curve.

[2 marks]

Answer (_____ , _____)

Q4. (2023)

- 20 (a) Complete the table of values for $y = x^2 + 2x$

[2 marks]

x	-3	-2	-1	0	1
y	3		-1	0	

Q5. (2023)

- 20 (b) Draw the graph of $y = x^2 + 2x$ for values of x from -3 to 1

[2 marks]

