What must I be able to do?	Key vocabulai	Key vocabulary	
 New content: Solve a quadratic equation by factorising Sparx U228, U960 Recognise and plot cubic, exponential and reciprocal graphs Sparx U980, U229, U593 	Root	The values of x in a quadratic equation which give a value of $y = D$. On a graph, this is where it <u>crosses the x-axis</u> .	
	Turning point	On a quadratic graph, the turning point is the <u>maximum or minimum</u> point on the curve.	



Equations of other types of graphs

Cubic graphs:







Has a maximum of two

turning points.

y-axis goes from negative to positive.

Exponential graphs



Reciprocal graphs



with all of these graphs you need to be able to plot one if given the equation and a table of points to complete.

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