## Linear, Quadratic & other Graphs:

Objective	Sparx Task
Use a table of values to plot a linear function (include horizontal/vertical lines)	U741
Find the gradient of a line and use intercept to give and equation in the form v=mx+c	U741
	U477
Draw and interpret parallel/perpendicular functions	U898
Find length and midpoint of a line segment	U933
Find the equations of a line when given two coordinates	U858
Plot straight line graphs from real life situations	U638
Plot dist/time and vel/time graphs and interpret gradients	U562
	U462
Recognise linear, quadratic, cubic, reciprocal and circle graphs from shapes and functions	U593
	U229
	U980
	U989
Generate coordinates and plot quadratic graphs	U989
Understand features of quadratic graphs and estimate solutions	U667
Draw graphs of simple cubics	U980
Draw reciprocal graph and circle centred on the origin	

## **Further Formulae & Algebraic Expressions**

Objective	Sparx Task	
1.Rationalise the denominator of a surd.	U633	
	U338	
	U872	

U499	
U707	
U281	
U437	
U103	
U294	
U685	
U457	
U824	
U556	
U413	
U573	
U582	
0002	
U637	
U448	
U996	
	U499 U707 U281 U437 U103 U294 U685 U457 U824 U824 U556 U413 U573 U573 U582 U637 U448 U996