

CHAPTER 18 : GRAPHS 2

FOUNDATION

Chapter	Title	MyMaths Links
Chapter 18 Graphs 2	18.1 Properties of quadratic functions	1168, 1169
	18.2 Sketching functions	1071, 1172, 1180, 1316
	18.3 Real-life graphs	1184, 1322

HIGHER

CHAPTER	Title	MyMaths Clips
Chapter 18 Graphs 2	18.1 Cubic and reciprocal functions	1071, 1172
	18.2 Exponential and trig functions	1070, 1188, 1126
	18.3 Real-life graphs	1322, 1184
	18.4 Gradients and areas under graphs	1312, 1128
	18.5 Equation of a circle	1152

NOTE FOR HIGHER STUDENTS : Quadratic graphs is in Ch 14 but covered here where it sits in Foundation books

DRAWING LINEAR GRAPHS : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Drawing quadratic graphs			
Solve quadratics using graphs.			
Sketch a quadratic using key points			

MyMaths progression tasks

<https://app.mymaths.co.uk/215-homework/plotting-graphs-3-quadratics>

<https://app.mymaths.co.uk/228-homework/solving-with-graphs>

<https://app.mymaths.co.uk/3267-homework/properties-of-quadratics>

<https://app.mymaths.co.uk/3272-homework/sketching-quadratic-graphs-1>

CUBIC AND RECIPROCAL GRAPHS : Higher and Foundation





Topic	Video Link	Questions Link	Answers Link
Cubic Graphs			
Reciprocal Graphs			

MyMaths progression tasks

<https://app.mymaths.co.uk/3266-homework/sketching-cubic-graphs>

<https://app.mymaths.co.uk/223-homework/reciprocals>

REAL-LIFE GRAPHS (DISTANCE-TIME GRAPHS): Higher and Foundation










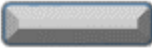
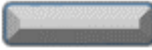
Topic	Video Link	Questions Link	Answers Link
Real-life Graphs		This links to a MyMaths lesson	
Distance Time Graphs			

MyMaths progression tasks

<https://app.mymaths.co.uk/216-homework/real-life-graphs>

<https://app.mymaths.co.uk/217-homework/distance-time-graphs>

EXPONENTIAL AND TRIGONOMETRIC GRAPHS : Higher Only

Topic	Video Link	Questions Link	Answers Link
Exponential Graphs			
Sine Graph			
Cosine Graph			
Tangent Graph			
Transforming Graphs			

MyMaths progression tasks

<https://app.mymaths.co.uk/224-homework/exponential-graphs>

(Higher Only)


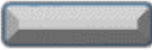
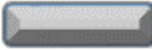







<https://app.mymaths.co.uk/331-homework/transforming-trig-graphs>

(Higher Only)

<https://app.mymaths.co.uk/229-homework/transforming-graphs-2>

(Higher Only)

EQUATION OF A CIRCLE, GRADIENTS AND AREAS UNDER CURVES : Higher Only

Topic	Video Link	Questions Link	Answers Link
Equation of a Circle (Higher)			
Gradient between two points formal (Higher)			
Tangent to a circle			
Area under a Graph			

MyMaths progression tasks

<https://app.mymaths.co.uk/227-homework/equations-of-circles>

(Higher Only)