

Y10 AP3 Revision List Foundation

Topic	Sparx Clip
Function machines with numbers	M175
Simplifying expressions by collecting like terms	U105
Line and shape properties	U121
Line and shape properties, Finding the area of triangles	U121, U945
Calculating with speed	U151
Constructing fractions	U163
Expanding single brackets	U179
Interpreting line graphs	U193
Interpreting line graphs, Writing and simplifying ratios	U193, U687
Translation	U196
Drawing stem-and-leaf diagrams	U200
Finding factors and using divisibility tests	U211
Term-to-term rules	U213
Estimating calculations	U225
Converting units of area	U248
Calculating with rates	U256
Drawing and interpreting scale diagrams	U257
Finding the mode	U260
Multiplying and dividing numbers in standard form	U264
Finding the area of trapeziums	U265
Frequency trees	U280
Finding original values in percentage calculations	U286
Calculating the mean	U291
Solving equations with two or more steps	U325
Using standard form with positive indices	U330
Compound interest calculations	U332
Drawing bar charts	U363
Factorising into one bracket	U365
Using Pythagoras' theorem in 2D	U385
Converting units of length, mass and capacity	U388
Writing probabilities as fractions	U408
Adding and subtracting integers, Using a written method to divide integers	U417, U293
Adding and subtracting integers, Using a written method to divide integers	U417, U453
Angles in polygons	U427
Calculating the median	U456
Multiplying fractions	U475
Adding and subtracting integers, Using a written method to multiply integers	U478, U127
Rounding integers	U480
Drawing and interpreting pictograms	U506
Measuring and drawing bearings	U525
Calculating the range	U526
Using standard form with negative indices	U534
Changing the subjects of formulae	U556
Interpreting bar charts	U557
Tree diagrams for independent events	U558
Finding averages from frequency tables	U569

Sharing amounts in a given ratio, Finding fractions and percentages of amounts	U577, U881, U554
Substituting into algebraic formulae	U585
Substituting into algebraic formulae	U585
Ordering fractions, decimals and percentages	U594
Constructing and solving equations, Writing and simplifying ratios	U599, U687
Understanding and ordering integers	U600
Solving quadratic equations graphically	U601
Currency conversion, Converting units of capacity, Direct proportion word problems	U610, U388, U721
Using algebraic notation	U613
Using the exact values of trigonometric ratios	U627
Combining angle facts	U655
Finding error intervals	U657
Simplifying expressions using index laws	U662
Probabilities of mutually exclusive events	U683
Choosing suitable averages and solving problems	U717
Properties of 3D shapes	U719
Solving direct proportion word problems	U721
Solving direct proportion word problems, Percentage change with a calculator	U721, U671
Rounding integers using significant figures	U731
Multiplying and dividing with place value	U735
Adding and subtracting fractions	U736
Prime factor decomposition	U739
Plotting straight line graphs	U741
Adding and subtracting with negative numbers	U742
Operations with negative numbers	U742, U548
Plans and elevations, Finding the volume of cylinders	U743, U915
Ordering fractions	U746
Finding the lowest common multiple (LCM)	U751
Solving single inequalities	U759
Solving simultaneous equations using elimination	U760
Percentage change without a calculator	U773
Volume of cuboids, Calculating with density, Writing and simplifying ratios	U786, U910, U687
Reading and plotting coordinates	U789
Reading and plotting coordinates, Using a pair of compasses	U789, U678
Reflection	U799
Drawing and interpreting frequency polygons	U840
Symmetry	U849
Converting between fractions, decimals and percentages	U888
Solving shape problems involving coordinates	U889
Finding fractions of amounts with a calculator	U916
Finding fractions of amounts, Writing numbers as percentages of other numbers	U916, U925
Using a calculator	U926
Using a calculator, Finding percentages of amounts with a calculator	U926, U349
Rounding decimals using significant figures	U965
Interpreting frequency tables and two-way tables	U981
Plotting graphs of quadratic functions	U989