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STRIDE INTO *THE FUTURE* OF ASSESSMENT

Teacher Companion Guide

Proportions



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Overview

Stride is a new offering from AQA which is designed to empower students and quickly identify and close their knowledge gaps in mathematics. Designed to help students starting their GCSEs – either for the first time or as a resit – the tests are accessible for all and adapt to students' knowledge, delivering the right amount of challenge.

Our new maths tests will allow teachers to pinpoint gaps in their students' conceptual knowledge - saving them time and empowering students, who will understand how to improve. They're fully funded for schools and colleges, easy to use for teachers and engaging for students.

The five short tests, created with the [Key Stage 1 and 2](#) and [Key Stage 3](#) guidance in mind, focus on key areas of maths that experts have identified as the most impactful for GCSE success. They come with personalised learning and next steps to allow students to develop in both knowledge and confidence.

Rationale

We know that maths is a hierarchical subject, with knowledge being built upon foundational maths which underpins the new concept. We have analysed data from hundreds of thousands of exam questions and found that even though content is first encountered in the early stages of a learner's schooling, a significant proportion of learners answer questions on the foundations of maths incorrectly.

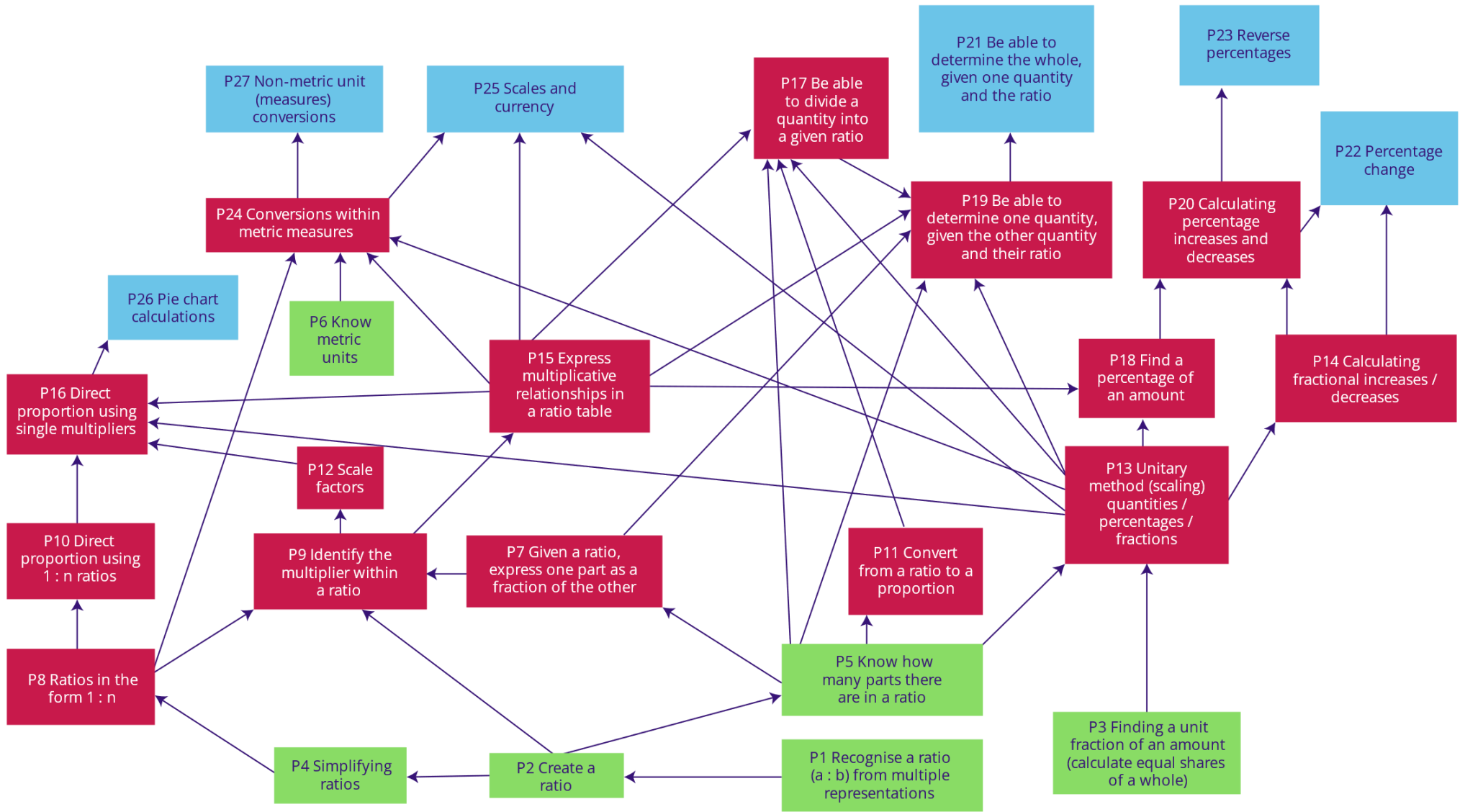
With this in mind, we want to empower teachers to take control of their classrooms and provide a nurturing environment in which gaps within key prerequisite understanding are identified and corrective instruction is deployed, filling the gaps and ensuring that more complex content can be taught, safe in the knowledge that learners have the underlying knowledge required to be successful in their lessons, and thrive in the GCSE examinations.

Key features

The Concept Map for Proportions, shown on the next page, highlights the interconnectedness of the ideas which sit in the Proportions test, with two key nodes which underpin the higher order knowledge within the knowledge space.

P13 Unitary Method is a key node, feeding in to no fewer than seven successors, and P15 Express Multiplicative Relationships in a Ratio Table acts as a predecessor for six other nodes within the map. If learners develop expertise within these two key areas, their chances of success within the Proportions strand of the curriculum will be increased greatly, as it can be seen that these ideas work in tandem to underpin the ideas in direct proportion, conversions with units and currencies, and working with ratio problems.

3. Proportions



P1 Recognise a ratio (a : b) from multiple representations

What is being tested	Learners are being tested on their understanding of unequal sharing in a variety of representations.
Learning Objectives	<p>P1.1 Match two-part ratios with their visual representation</p> <p>P1.2 Match two-part ratios with bar diagrams</p> <p>P1.3 Identify three-part ratios from worded scenarios</p> <p>P1.4 Match three-part ratios with their visual representation</p> <p>P1.5 Match three-part ratios with bar diagrams</p>
Predecessors	None
Successors	P2 Create a ratio
KS2 & KS3 Guidance	Learners are introduced to the idea of ratio in Year 6 (page 305, KS1 and KS2 guidance), and work with formal ratio notation in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	<p>1404 Modelling ratio</p> <p>1052 Ratio introduction</p> <p>3356 Introduction to ratio 2 worksheet – Q2</p> <p>3318 Ratio 1: grades 1 and 2 worksheet – Q1</p> <p>3319 Ratio 2: grades 1 and 2 worksheet – Q1</p>

P2 Create a ratio

What is being tested	Learners are being tested on their ability to construct a ratio, drawing on their understanding of unequal sharing.
Learning Objectives	<p>P2.1 Identify two-part ratios from a worded problem</p> <p>P2.2 Identify ratios that correspond with a comparison of two quantities</p> <p>P2.3 Recognise part-to-part ratios</p> <p>P2.4 Describe ratio</p>
Predecessors	P1 Recognise a ratio (a : b) from multiple representations
Successors	<p>P4 Simplifying ratios</p> <p>P5 Know how many parts there are in a ratio</p> <p>P9 Identify the multiplier within a ratio</p>
KS2 & KS3 Guidance	Learners construct ratios in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	<p>1404 Modelling ratio</p> <p>1052 Ratio introduction</p> <p>3355 Introduction to ratio 1 worksheet - Q4</p> <p>3356 Introduction to ratio 2 worksheet</p>

P3 Finding a unit fraction of an amount (calculate equal shares of a whole)

What is being tested	Learners are being tested on their understanding of equal sharing, using fraction notation.
Learning Objectives	<p>P3.1 Describe a unit fraction</p> <p>P3.2 Distinguish between unit fractions and those that are not unit fractions</p> <p>P3.3 Know that dividing by the denominator will find a unit fraction of an amount</p> <p>P3.4 Find equivalent calculations of dividing an amount by unit fractions (divide by denominator)</p>
Predecessors	None
Successors	P13 Unitary method (scaling) quantities/percentages/fractions
KS2 & KS3 Guidance	Learners are introduced to unit fractions as operators in Year 3 (page 124, KS1 and KS2 guidance).
MyMaths Platform References	

P4 Simplifying ratios

What is being tested	Learners are being tested on their understanding of scaling, simplifying ratios.
Learning Objectives	P4.1 Find simplified ratios by identifying common factors P4.2 Categorise ratios based on their simplest form P4.3 Match equivalent ratios with visual representations
Predecessors	P2 Create a ratio
Successors	P8 Ratios in the form 1 : n
KS2 & KS3 Guidance	Learners work with ratio in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	1052 Ratio introduction

P5 Know how many parts there are in a ratio

What is being tested	Learners are being tested on their ability to identify the number parts that represent the 'whole', given a ratio.
Learning Objectives	P5.1 Identify the number of parts in a ratio P5.2 Identify the number of parts that represent the 'whole' in a given ratio P5.3 Match ratios to their number of parts
Predecessors	P2 Create a ratio
Successors	P7 Given a ratio, express one part as a fraction of the other P11 Convert from a ratio to a proportion P13 Unitary method (scaling) quantities/percentages/fractions
KS2 & KS3 Guidance	Learners work with ratio in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	1038 Ratio dividing 1

P6 Know metric units

What is being tested	Learners are being tested on their ability to recognise and recall common metric units of measure.
Learning Objectives	<p>P6.1 Match metric equivalents for length</p> <p>P6.2 Recognise metric equivalents for weight</p> <p>P6.3 Order measures of length</p> <p>P6.4 Order measures of weight</p> <p>P6.5 Order measures of capacity</p> <p>P6.6 Recognise metric equivalents for capacity</p>
Predecessors	None
Successors	P24 Conversions within metric measures
KS2 & KS3 Guidance	Learners begin to recognise metric units of measure throughout mathematics in KS1 and KS2.
MyMaths Platform References	<p>1232 Measures</p> <p>1146 Measuring lengths</p> <p>1105 Units of mass</p> <p>1104 Units of capacity</p>

P7 Given a ratio, express one part as a fraction of another

What is being tested	Learners are being tested on their understanding of ratios as fractions.
Learning Objectives	<p>P7.1 Write one part of a ratio as a fraction of the other part</p> <p>P7.2 Write each part of a ratio as a fraction of the other part</p> <p>P7.3 Match fractions to the correct parts of a ratio</p>
Predecessors	P5 Know how many parts there are in a ratio
Successors	<p>P9 Identify the multiplier within a ratio</p> <p>P19 Be able to determine one quantity, given the other quantity and their ratio</p>
KS2 & KS3 Guidance	Learners work with ratio in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	<p>3318 Ratio 1: grades 1 and 2 worksheet – Q4</p> <p>3319 Ratio 2: grades 1 and 2 worksheet – Q4</p> <p>3320 Ratio 3: grades 1 and 2 worksheet – Q4</p>

P8 Ratios in the form 1 : n

What is being tested	Learners are being tested on their ability to scale ratios such that one value represents a unit.
Learning Objectives	<p>P8.1 Identify a correct conversion of a ratio to the form 1 : n</p> <p>P8.2 Write a ratio in the form 1 : n</p> <p>P8.3 Calculate an amount using a 1 : n ratio</p>
Predecessors	P4 Simplifying ratios
Successors	<p>P9 Identify the multiplier within a ratio</p> <p>P10 Direct proportion using 1 : n ratios</p> <p>P24 Conversions within metric measures</p>
KS2 & KS3 Guidance	Learners are exposed to the idea of 'for 1 part that a has, b has...' in Year 7 (KS3, page 101) and formalise this notation during their KS3 study.
MyMaths Platform References	<p>3355 Introduction to ratio 1 worksheet - Q4</p> <p>3356 Introduction to ratio 2 worksheet - Q4</p> <p>1052 Ratio introduction</p>



P9 Identify the multiplier within a ratio

What is being tested	Learners are being tested on their understanding of the scaling between the parts of a ratio, giving this as a multiplier.
Learning Objectives	P9.1 Recognise the multiplier, given a ratio P9.2 Identify ratios that have a given multiplier P9.3 Find the multiplier, given a ratio
Predecessors	P2 Create a ratio P7 Given a ratio, express one part as a fraction of the other P8 Ratios in the form 1 : n
Successors	P12 Scale factors P15 Express multiplicative relationships in a ratio table
KS2 & KS3 Guidance	Learners work with ratio tables and identifying multipliers within ratios in Year 7 (page 100, KS3 guidance).
MyMaths Platform References	1038 Ratio dividing 1 1039 Ratio dividing 2

P10 Direct proportion using 1 : n ratios

What is being tested	Learners are being tested on their understanding of scaling as a unit ratio.
Learning Objectives	P10.1 Recognise the result of a conversion from km to miles P10.2 Recognise the result of a conversion from inches to cm P10.3 Recognise the result of a conversion from kg to lbs
Predecessors	P8 Ratios in the form 1 : n
Successors	P16 Direct proportion using single multipliers
KS2 & KS3 Guidance	Learners convert between related units in Year 7 (page 98, KS3 guidance).
MyMaths Platform References	1191 Imperial measures

P11 Convert from a ratio to a proportion

What is being tested	Learners are being tested on their ability to re-write a ratio as a linear equation.
Learning Objectives	P11.1 Convert two-part ratios into proportions P11.2 Describe proportion P11.3 Convert three-part ratios into proportions
Predecessors	P5 Know how many parts there are in a ratio
Successors	P17 Be able to divide a quantity into a given ratio
KS2 & KS3 Guidance	Learners begin to identify multipliers within ratios in Year 7 (page 100, KS3 guidance).
MyMaths Platform References	1037 Proportion introduction 1036 Unitary method

P12 Scale factors

What is being tested	Learners are being tested on their understanding of scaling, recognising that scale factors greater than one increase a value, and scale factors between zero and one decrease a value.
Learning Objectives	<p>P12.1 Describe scale factor</p> <p>P12.2 Match the descriptions with numerical scale factors</p> <p>P12.3 Recognise which scale factors increase a quantity</p> <p>P12.4 Recognise which scale factors decrease a quantity</p> <p>P12.5 Calculate a scale factor using inverse operation</p> <p>P12.6 Categorise scale factors based on their effect on the original amount</p>
Predecessors	P9 Identify the multiplier within a ratio
Successors	P16 Direct proportion using single multipliers
KS2 & KS3 Guidance	Learners work with scaling in Upper KS2, extending on this idea in Year 9 (page 212, KS3 guidance).
MyMaths Platform References	<p>1988 Scaling and rate problems</p> <p>1117 Scale drawing</p>

P13 Unitary method (scaling) quantities/percentages/fractions

What is being tested	Learners are being tested on their ability to use the unitary method when scaling quantities, percentages and fraction.
Learning Objectives	<p>P13.1 Know that sharing 100% into 100 parts equals 1%</p> <p>P13.2 Calculate the value of one item, given the multiple value of the same item</p> <p>P13.3 Calculate a given percentage of a two-digit integer by first finding 1%</p> <p>P13.4 Select the correct method to find a common fraction of an amount by first finding the unit fraction of the amount</p> <p>P13.5 Calculate the value of multiple items by first finding the value of one item</p>
Predecessors	<p>P3 Finding a unit fraction of an amount (calculate equal shares of a whole)</p> <p>P5 Know how many parts there are in a ratio</p>
Successors	<p>P14 Calculating fractional increases/decreases</p> <p>P16 Direct proportion using single multipliers</p> <p>P17 Be able to divide a quantity into a given ratio</p> <p>P18 Find a percentage of an amount</p> <p>P19 Be able to determine one quantity given the other quantity and their ratio</p> <p>P24 Conversions within metric measures</p> <p>P25 Scales and currency</p>
KS2 & KS3 Guidance	Learners first encounter the unitary method in Year 6 (KS1 and KS2, page 306) and use this method throughout Key Stage 3.
MyMaths Platform References	<p>1031 Percentage of amounts 2</p> <p>1036 Unitary method</p>

P14 Calculating fractional increases/decreases

What is being tested	Learners are being tested on their ability to apply fractional increases and decreases.
Learning Objectives	<p>P14.1 Calculate a fractional increase of an integer amount by multiplying by a mixed fraction</p> <p>P14.2 Match bar diagrams with the fractional increase they represent</p> <p>P14.3 Match bar diagrams with the fractional decrease they represent</p> <p>P14.4 Recognise the correct mixed fraction multiplier of a fractional increase</p> <p>P14.5 Recognise the correct common fraction multiplier of a fractional decrease</p> <p>P14.6 Calculate a fractional decrease of an integer amount by multiplying by a common fraction</p>
Predecessors	P13 Unitary method (scaling) quantities/percentages/fractions
Successors	<p>P20 Calculating percentage increases and decreases</p> <p>P22 Percentage change</p>
KS2 & KS3 Guidance	Learners build on their knowledge of fractions and the unitary method to explore multiplicative relationships in Year 7 (KS3, page 100).
MyMaths Platform References	

P15 Express multiplicative relationships in a ratio table

What is being tested	Learners are being tested on their understanding of a multiplicative relationships when ratios are represented in a table.
Learning Objectives	<p>P15.1 Find the missing values in a ratio table</p> <p>P15.2 Know that a proportion is the equality of two ratios</p> <p>P15.3 Calculate missing quantities for ratios with integer multipliers using equality of ratios</p> <p>P15.4 Calculate missing quantities for ratios with decimal multipliers to one decimal place using equality of ratios</p> <p>P15.5 Apply a ratio table to percentage problems</p>
Predecessors	P9 Identify the multiplier within a ratio
Successors	<p>P16 Direct proportion using single multipliers</p> <p>P17 Be able to divide a quantity into a given ratio</p> <p>P18 Find a percentage of an amount</p> <p>P19 Be able to determine one quantity, given the other quantity and their ratio</p> <p>P24 Conversions within metric measures</p> <p>P25 Scales and currency</p>
KS2 & KS3 Guidance	Learners begin to identify multipliers within ratios in Year 7 (page 100, KS3 guidance).
MyMaths Platform References	

P16 Direct proportion using single multipliers

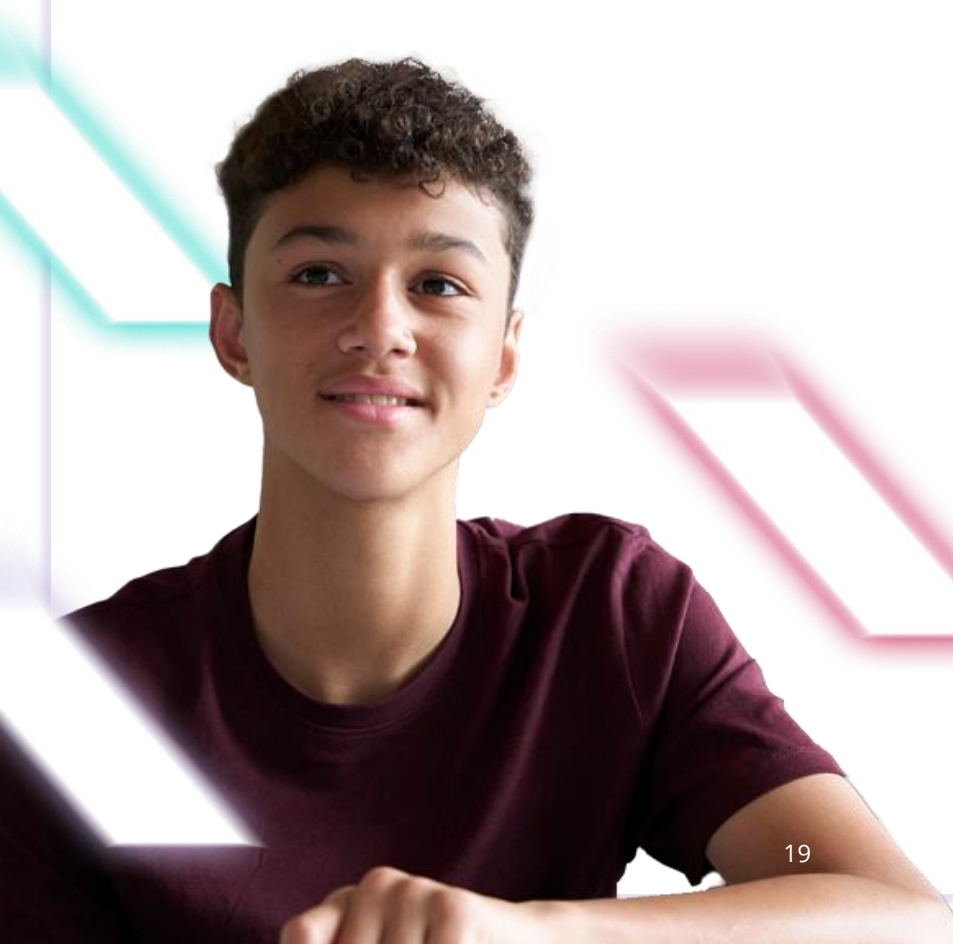
What is being tested	Learners are being tested on their ability to apply proportional change using a multiplier.
Learning Objectives	<p>P16.1 Apply a given scale factor to a quantity using multiplication</p> <p>P16.2 Calculate missing quantities using single multipliers</p> <p>P16.3 Calculate proportions of ingredients needed, based on a recipe</p> <p>P16.4 Calculate missing quantities in real-life scenarios using single multipliers</p>
Predecessors	<p>P10 Direct proportion using 1 : n ratios</p> <p>P12 Scale factors</p> <p>P13 Unitary method (scaling) quantities/percentages/fractions</p> <p>P15 Express multiplicative relationships in a ratio table</p>
Successors	P26 Pie chart calculations
KS2 & KS3 Guidance	Learners work with scaling in Upper KS2, extending on this idea in Year 9 (page 212, KS3 guidance).
MyMaths Platform References	<p>1988 Scaling and rate problems</p> <p>1948 Direct proportion</p>

P17 Be able to divide a quantity into a given ratio

What is being tested	Learners are being tested on their ability to divide quantities in a specified ratio, drawing on their understanding of unequal sharing.
Learning Objectives	<p>P17.1 Calculate the value of one part of a whole divided in a given ratio</p> <p>P17.2 Find an amount shared in a given ratio, given the value of 1 part</p> <p>P17.3 Find an amount shared in a given ratio with two parts</p> <p>P17.4 Find an amount shared in a given ratio with three parts</p>
Predecessors	<p>P5 Know how many parts there are in a ratio</p> <p>P11 Convert from a ratio to a proportion</p> <p>P13 Unitary method (scaling) quantities/percentages/fractions</p> <p>P15 Express multiplicative relationships in a ratio table</p>
Successors	None
KS2 & KS3 Guidance	Learners are introduced to the idea of ratio in Year 6 (page 305, KS1 and KS2 guidance), and work with formal ratio notation in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	<p>1038 Ratio dividing 1</p> <p>1039 Ratio dividing 2</p>

P18 Find a percentage of an amount

What is being tested	Learners are being tested on their ability to calculate percentages of a specified amount.
Learning Objectives	<p>P18.1 Match percentages to their multipliers</p> <p>P18.2 Find a percentage of an amount using a ratio table</p> <p>P18.3 Find a percentage of a number in terms of another number where the percentage is $> 100\%$</p>
Predecessors	<p>P13 Unitary method (scaling) quantities/percentages/fractions</p> <p>P15 Express multiplicative relationships in a ratio table</p>
Successors	P20 Calculating percentage increases and decreases
KS2 & KS3 Guidance	Learners calculate percentages of a specified amount in Year 8 (page 160, KS3 guidance).
MyMaths Platform References	<p>1962 Percentage of amounts 3</p> <p>1963 Percentage of amounts 4</p>



P19 Be able to determine one quantity, given the other quantity and their ratio

What is being tested	Learners are being tested on their understanding of scaling within a ratio, finding one quantity when given another.
Learning Objectives	<p>P19.1 Find a quantity, given the other quantity, and find their ratio using a ratio table</p> <p>P19.2 Identify a quantity, given the other quantity and their ratio</p> <p>P19.3 Calculate a quantity, given the other quantity and their ratio</p>
Predecessors	<p>P5 Know how many parts there are in a ratio</p> <p>P7 Given a ratio, express one part as a fraction of the other</p> <p>P13 Unitary method (scaling) quantities/percentages/fractions</p> <p>P15 Express multiplicative relationships in a ratio table</p> <p>P17 Be able to divide a quantity into a given ratio</p>
Successors	P21 Be able to determine the whole, given one quantity and the ratio
KS2 & KS3 Guidance	Learners are introduced to the idea of ratio in Year 6 (page 305, KS1 and KS2 guidance), and work with formal ratio notation in Year 7 (page 101, KS3 guidance).
MyMaths Platform References	1039 Ratio dividing 2

P20 Calculating percentage increases and decreases

What is being tested	Learners are being tested on their ability to apply increases and decreases to amounts using percentages.
Learning Objectives	<p>P20.1 Match percentage increase with single multipliers</p> <p>P20.2 Match percentage decrease with single multipliers</p> <p>P20.3 Identify the percentage increase that is represented by the bar diagram</p> <p>P20.4 Identify the percentage decrease that is represented by the bar diagram</p> <p>P20.5 Calculate a percentage increase using a single multiplier</p> <p>P20.6 Calculate a percentage decrease using a single multiplier</p>
Predecessors	<p>P14 Calculating fractional increases/decreases</p> <p>P18 Find a percentage of an amount</p>
Successors	<p>P22 Percentage change</p> <p>P23 Reverse percentages</p>
KS2 & KS3 Guidance	Learners encounter the idea of percentage change in Year 8 (page 160, KS3 guidance).
MyMaths Platform References	<p>1060 Percentage change 1</p> <p>5689 Modelling percentage increase and decrease</p>

P21 Be able to determine the whole, given one quantity and the ratio

What is being tested	Learners are being tested on their ability to calculate the value of the 'whole', given a ratio and the value of one part.
Learning Objectives	<p>P21.1 Find the whole, given one quantity and a 1 : n ratio, using a ratio table</p> <p>P21.2 Identify the whole, given one quantity and the ratio, using a ratio table</p> <p>P21.3 Calculate the whole, given one quantity and the ratio, using a ratio table</p>
Predecessors	P19 Be able to determine one quantity, given the other quantity and their ratio
Successors	None
KS2 & KS3 Guidance	Learners are introduced to the idea of ratio in Year 6 (page 305), and work with formal ratio notation in Year 7 (page 101).
MyMaths Platform References	3358 Dividing into a ratio 2 worksheet - Q1

P22 Percentage change

What is being tested	Learners are being tested on their ability to calculate a percentage change, given the original and new values, as well as to calculate the original and new values given a percentage change.
Learning Objectives	<p>P22.1 Identify the original value from a worded problem</p> <p>P22.2 Identify the new value from a worded problem</p> <p>P22.3 Calculate the percentage change, given the original and new values</p>
Predecessors	<p>P14 Calculating fractional increases/decreases</p> <p>P20 Calculating percentage increases and decreases</p>
Successors	None
KS2 & KS3 Guidance	Learners encounter the idea of percentage change in Year 8 (page 160, KS3 guidance).
MyMaths Platform References	1302 Change as a percentage

P23 Reverse percentages

What is being tested	Learners are being tested on their understanding of percentages, working inversely to find the 'whole' given a scaled value.
Learning Objectives	<p>P23.1 Identify the initial and final value from a worded question</p> <p>P23.2 Identify the correct division for reversing a percentage increase between 10% and 100%</p> <p>P23.3 Identify the correct division for reversing a percentage decrease between 10% and 100%</p> <p>P23.4 Identify the correct division for reversing a percentage increase between 0% and 10%</p> <p>P23.5 Identify the correct division for reversing a percentage decrease between 0% and 10%</p> <p>P23.6 Calculate the original value after a percentage increase has been applied</p> <p>P23.7 Calculate the original value after a percentage decrease has been applied</p>
Predecessors	P20 Calculating percentage increases and decreases
Successors	None
KS2 & KS3 Guidance	Learners encounter the idea of percentage change in Year 8 (page 160, KS3 guidance).
MyMaths Platform References	<p>1302 Change as a percentage</p> <p>1934 Reverse percentages</p>

P24 Conversions within metric measures

What is being tested	Learners are being tested on their ability to convert between common metric units of measure.
Learning Objectives	<p>P24.1 Convert from g to kg</p> <p>P24.2 Convert from grams to kilograms using a ratio table</p> <p>P24.3 Find the number of millimetres in a given number of metres, with a ratio table</p> <p>P24.4 Recognise the correct conversion from cm to km</p> <p>P24.5 Recognise metric conversions</p> <p>P24.6 Recognise the correct conversion from m to mm</p>
Predecessors	<p>P6 Know metric units</p> <p>P8 Ratios in the form 1 : n</p> <p>P13 Unitary method (scaling) quantities/percentages/fractions</p> <p>P15 Express multiplicative relationships in a ratio table</p>
Successors	<p>P25 Scales and currency</p> <p>P27 Non-metric unit (measures) conversions</p>
KS2 & KS3 Guidance	Learners begin converting between metric measures in Year 5 (page 229, KS1 and KS2 guidance).
MyMaths Platform References	<p>1061 Metric conversion</p> <p>1091 Converting measures</p>

P25 Scales and currency

What is being tested	Learners are being tested on their ability to apply their understanding of scaling to currencies.
Learning Objectives	<p>P25.1 Calculate real life distances using a map and its scale</p> <p>P25.2 Identify how to calculate a real-life distance using a map and its scale</p> <p>P25.3 Calculate real life measurements using a scaled drawing</p> <p>P25.4 Convert £ to € (1 : n)</p> <p>P25.5 Convert € to £ (n : 1)</p> <p>P25.6 Identify a suitable scale for a scaled drawing, given real-life measurements</p> <p>P25.7 Identify the scale of a map, given real life measurements</p>
Predecessors	<p>P13 Unitary method (scaling) quantities/percentages/fractions</p> <p>P15 Express multiplicative relationships in a ratio table</p> <p>P24 Conversions within metric measures</p>
Successors	None
KS2 & KS3 Guidance	Learners work with multiplicative relationships in Year 7 (page 99, KS3 guidance).
MyMaths Platform References	<p>1937 Currency exchange</p> <p>1117 Scale drawing</p> <p>1103 Map scales</p>

P26 Pie chart calculations

What is being tested	Learners are being tested on their ability to interpret data represented in, and construct, pie charts.
Learning Objectives	<p>P26.1 Recognise the number of degrees for one unit in a pie chart</p> <p>P26.2 Interpret data displayed in a pie chart</p> <p>P26.3 Calculate frequencies of categories using pie chart construction angles</p> <p>P26.4 Calculate angles required for categories to construct a pie chart</p> <p>P26.5 Calculate the number of degrees per category, given the number of degrees per unit</p>
Predecessors	P16 Direct proportion using single multipliers
Successors	None
KS2 & KS3 Guidance	Students encounter pie charts in KS2 and build on this in Year 8 (page 167, KS3 guidance).
MyMaths Platform References	<p>1207 Drawing pie charts</p> <p>1206 Reading pie charts</p>



P27 Non-metric unit (measures) conversions

What is being tested	Learners are being tested on their ability to convert between common metric units of measure their corresponding Imperial units of measure.
Learning Objectives	<p>P27.1 Find the number of miles, given the kilometres and a ratio table</p> <p>P27.2 Calculate the number of steps, given steps : 100 metres and a distance in km</p> <p>P27.3 Calculate pounds from kg, given the ratio 5 kg : 11 lb</p>
Predecessors	P24 Conversions within metric measures
Successors	None
KS2 & KS3 Guidance	Learners work with multiplicative relationships in Year 7 (page 99, KS3 guidance).
MyMaths Platform References	1191 Imperial measures

Contributors

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