

Course Mapping Guide

International Mathematics

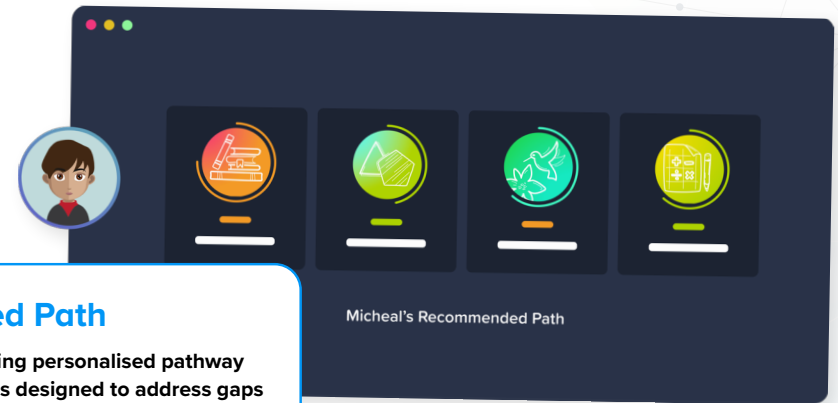
About CENTURY

CENTURY is a learning platform that uses artificial intelligence to personalise learning for every learner. Our team of experienced teachers have created all of our content for English, maths, science, geography and physical education from years 2 to 11, as well as functional skills content for post-16 learners. All courses are aligned to the national curriculum and national standards.

- ✓ Learning materials and questions for primary, secondary and post-16 learners
- ✓ Tailored to each learner's skills and knowledge
- ✓ Powered by the world's leading adaptive learning platform
- ✓ Web-based learning for tablets, laptops and desktops



How does CENTURY work?



Diagnostics

Learners begin by completing diagnostics that quickly identify knowledge gaps and misconceptions, and help CENTURY recommend the best learning materials for each individual learner.

Recommended Path

This constantly adapting personalised pathway contains micro-lessons designed to address gaps in knowledge, provide stretch and challenge and promote long-term memory retention.

Leadership Dashboard

Senior and middle leaders get an overview of performance and engagement on a subject, class and learner level.

Achievements

Learners get rewarded with badges and streaks for completing micro-lessons or for using CENTURY over a certain period of time to increase their motivation and engagement.

Automated Marking

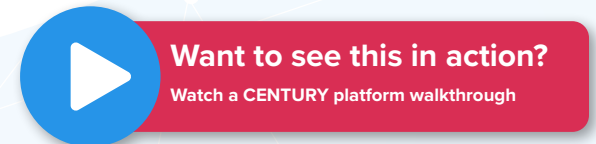
Teachers can view data in real time, to help quickly identify which learners require additional support or further stretch.

Teacher Dashboard

Use the markbook to monitor individual learners and whole-class trends with a range of dashboards.

Learner Dashboard & Guardian Portal

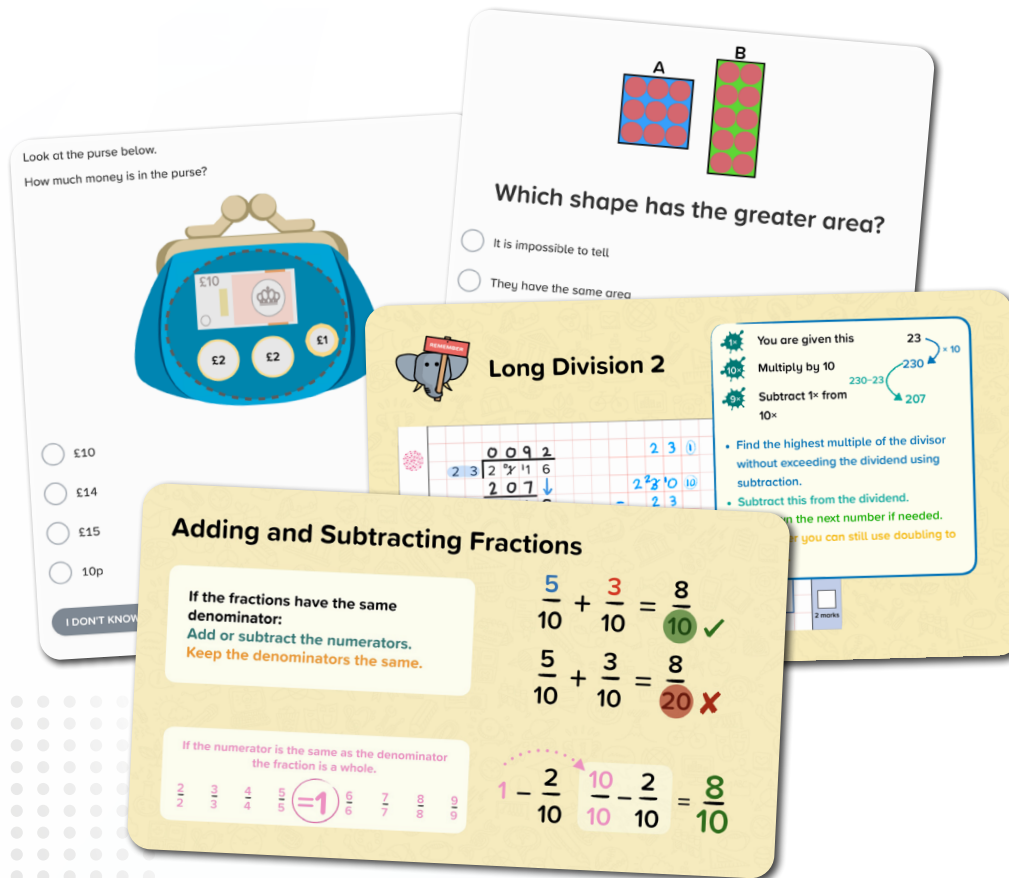
Learners can identify their strengths and areas for improvement. Parents and guardians can monitor their learner's progress, completed work, and see work set.



Mathematics Courses

Primary - Year Group Specific

Our primary mathematics offering includes specific courses for each year group, from years 3 to 6.



Primary – Year 2 Mathematics



Primary – Year 3 Mathematics



Primary – Year 4 Mathematics



Primary – Year 5 Mathematics



Primary – Year 6 Mathematics

[Download course content](#)

Mathematics Courses

Primary - Additional Courses

Our primary mathematics offering includes specific courses for each year group, from years 3 to 6.



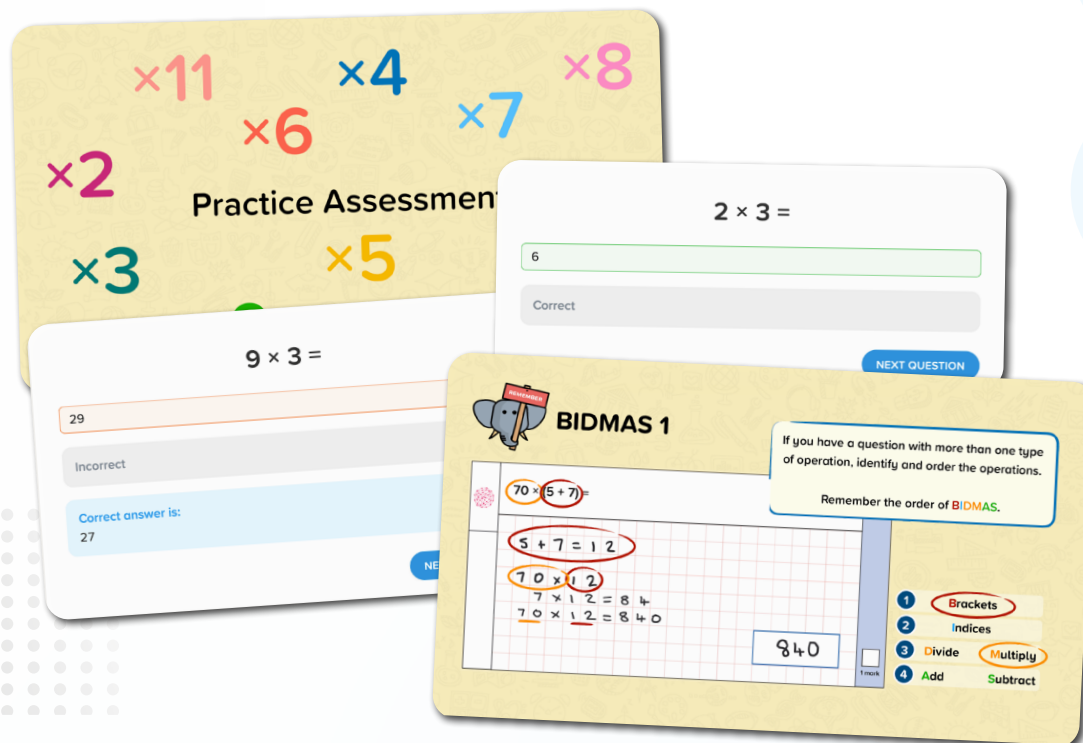
Primary – Year 2 Multiplication Tables



Primary – Multiplication Tables



Primary – Year 5-6 Arithmetic

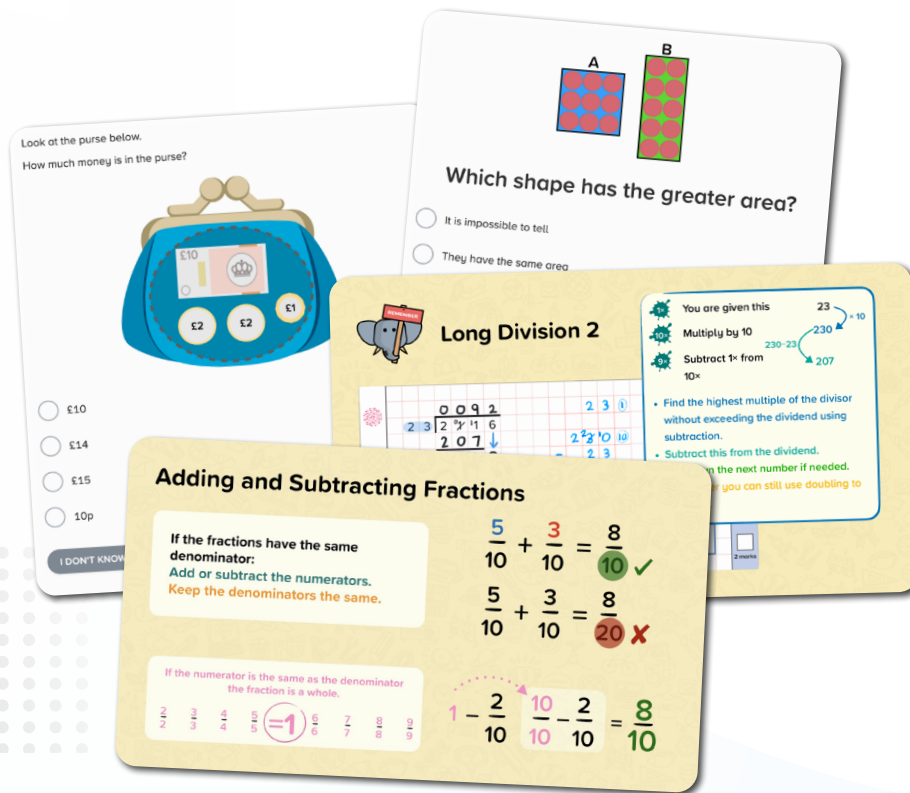


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Mathematics Courses

Primary - Cambridge

Our Cambridge courses are aligned to the Curriculum Framework for Cambridge Primary Mathematics 0096. They provide the mathematic skills, knowledge and practice required to support and stretch students from stage 2 to 6.



Primary – Stage 2 Mathematics



Primary – Stage 3 Mathematics



Primary – Stage 4 Mathematics



Primary – Stage 5 Mathematics



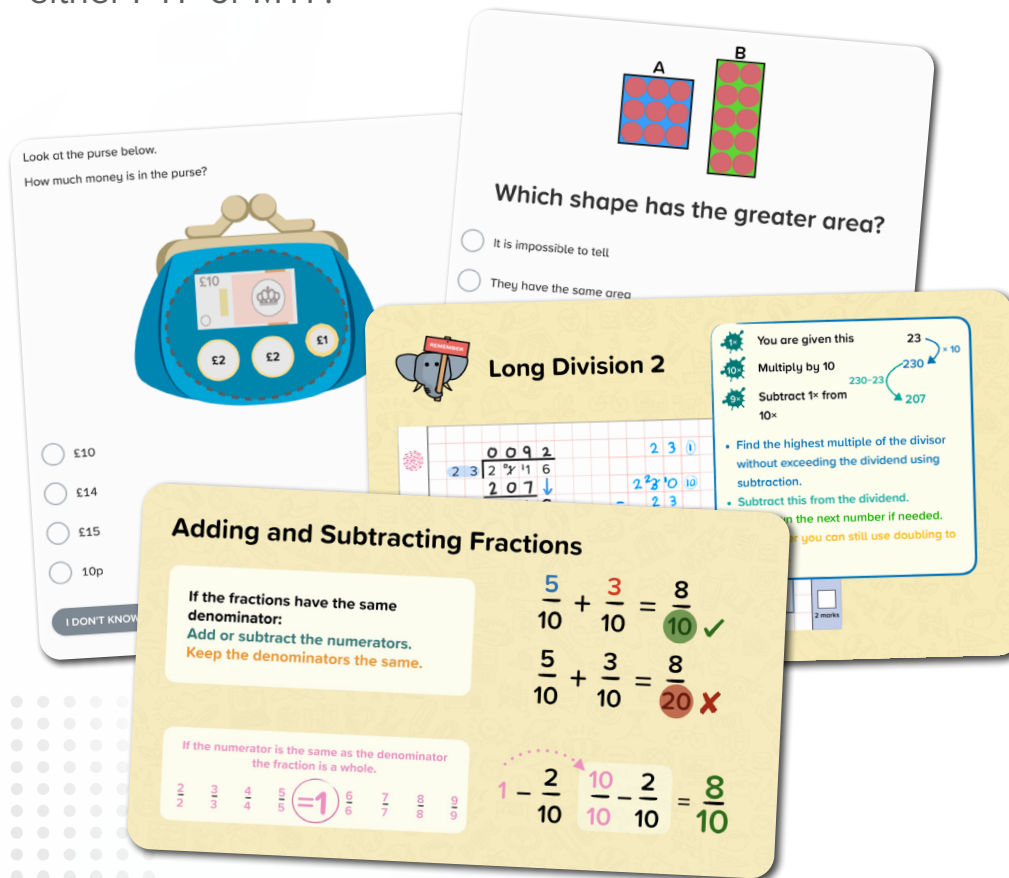
Primary – Stage 6 Mathematics

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Mathematics Courses

International Baccalaureate PYP

Our IB courses provide the mathematical skills, knowledge and practice required for those studying either PYP or MYP.



Primary Mathematics – Grade 1



Primary Mathematics – Grade 2



Primary Mathematics – Grade 3



Primary Mathematics – Grade 4



Primary Mathematics – Grade 5

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Mathematics Courses

Secondary

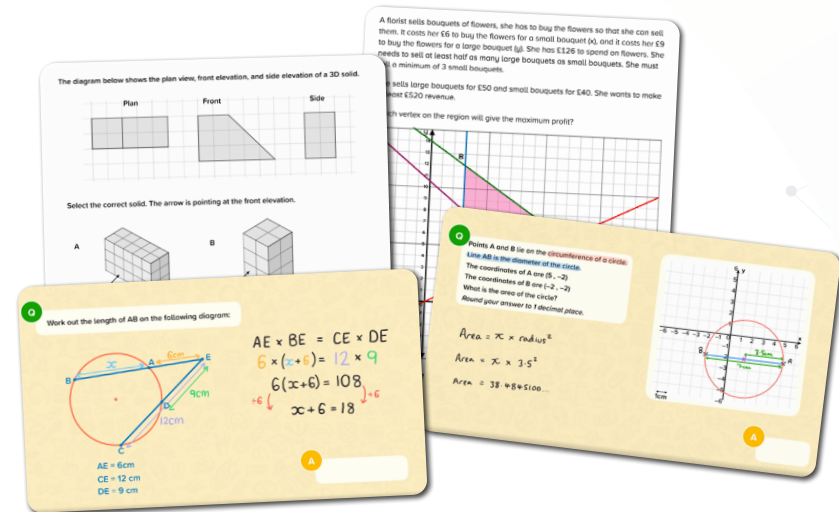
These courses have been created by our team of experienced secondary mathematics teachers.

Edexcel Specification: 1MA1

AQA Specification: 8300

OCR Specification: J560

Eduqas Specification: C300P



Mathematics Secondary (F)



Mathematics – Bridge to A-Level



Mathematics Secondary (H)



Mathematics – Number & Measure Level 1: Edexcel

Specification: ANM10



Mathematics Secondary (F+)



Mathematics – Number & Measure Level 2: Edexcel

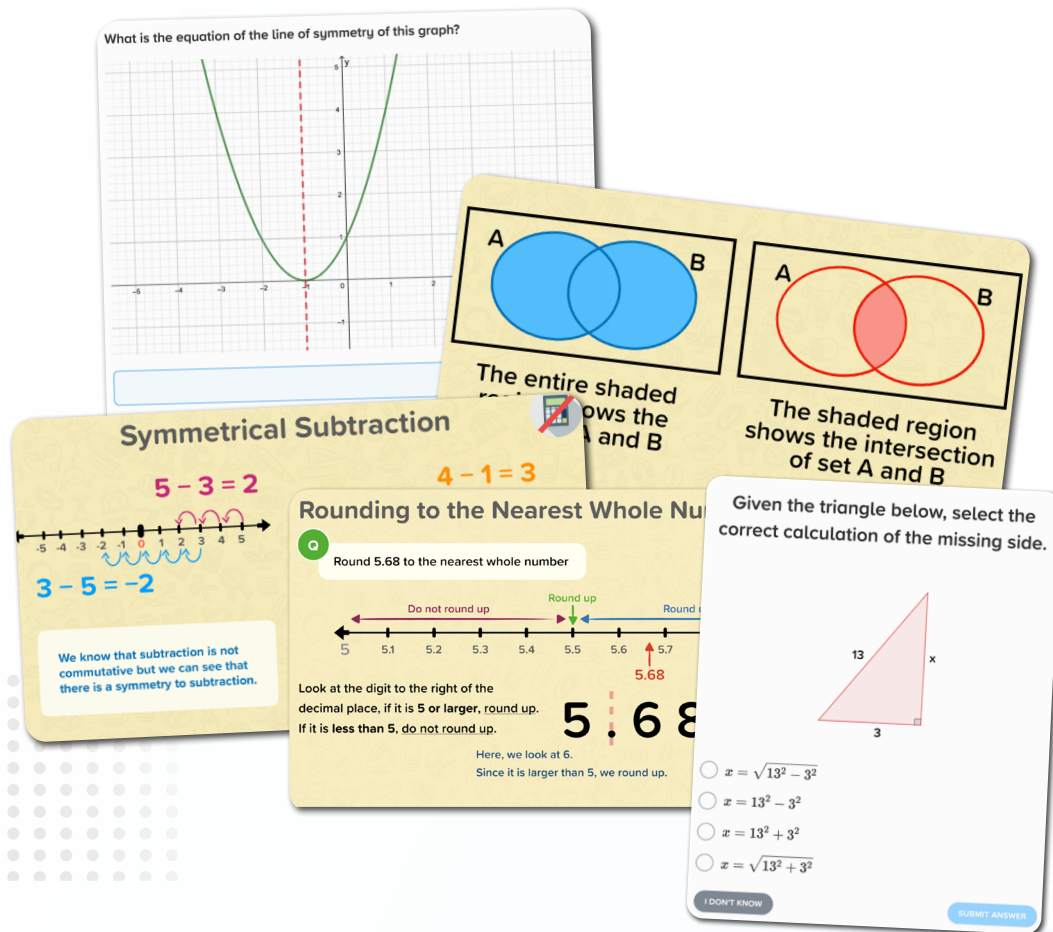
Specification: ANM20

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Mathematics Courses

IGCSE

These courses have been created by our team of experienced secondary mathematics teachers.



Mathematics IGCSE: Cambridge (Core) [Exam 2025+]

Specification: 0580/0980



Mathematics IGCSE: Cambridge (Core) [Exam 2025+]

Specification: 0580/0980



Mathematics IGCSE: Edexcel (F)

Specification: 4MA1



Mathematics IGCSE: Edexcel (H)

Specification: 4MA1

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Mathematics Courses

Cambridge Secondary

These courses have been created by our team of experienced secondary mathematics teachers.

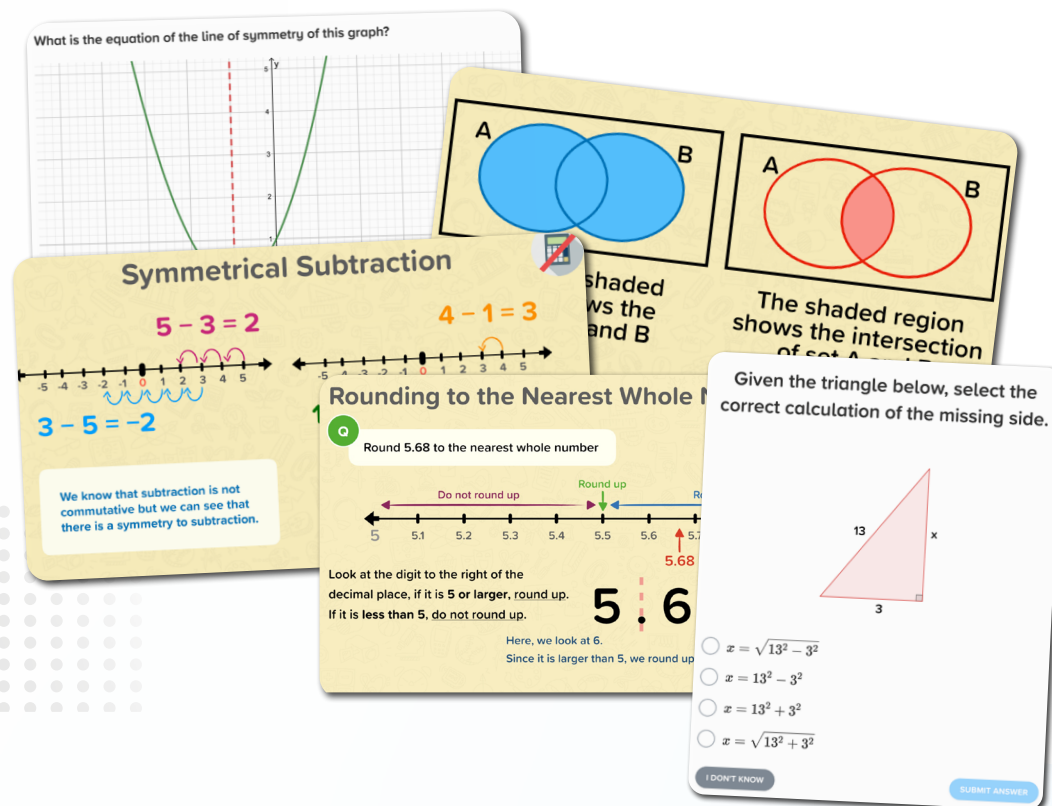
Specification: 0580/0980



Mathematics IGCSE:
Cambridge (Core) [Exam 2025+]



Mathematics IGCSE:
Cambridge (Extended) [Exam 2025+]

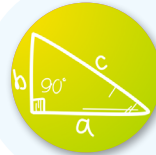


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Mathematics Courses

International Baccalaureate MYP

Our IB courses provide the mathematical skills, knowledge and practice required for those studying either PYP or MYP.



Mathematics - Bridge to DP



Mathematics - MYP

Interpreting Venn Diagrams

Remember

A Venn diagram can show the number of elements in sets.

A school completed a survey to see how many pupils play football and netball.

Football	Netball
46	26
10	
8	

Geometry Problem:

Points A and B lie on the circumference of a circle. Line AB is the diameter of the circle. The coordinates of A are (5, -2). The coordinates of B are (-2, -2). What is the area of the circle? Round your answer to 1 decimal place.

$\pi \times \text{radius}^2$

Bidmas: Brackets

Remember

- 1 Brackets
- 2 Indices
- 3 Divide Multiply
- 4 Add Subtract

Example

$96 \div (12 - 4) = 12$

If you have a question with more than one type of operation, identify and order the operations.

You need to do any operations inside brackets before continuing on with the other operations.

$96 \div (12 - 4) = 12$ ✓

$12 - 4 = 8$

$96 \div 8 = 12$

Shopping Problem:

Maya left to go shopping at 4:41 pm and came back home at 5:27 pm. How long was her shopping trip?

☐ 1 hour and 27 minutes

☐ 1 hour and 8 minutes

☐ 14 minutes

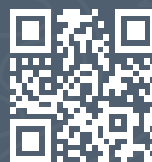
☒ 46 minutes

Correct

NEXT QUESTION

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Questions?
Email support@century.tech



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