

Accessible maths quizzes for effective homework, revision and intervention

Question 2 of 10 - GCSE Maths Edexcel

1 ✓ 50%

Find the length of **AB** in the image below. Give your answer to 2 decimal places.

Create your own quizzes from thousands of maths questions, covering 800+ skills.

The right answer is "10.58 cm"

Remember, the Pythagoras' Theorem is: $c^2 = a^2 + b^2$, where c is the hypotenuse. In this example, we know the hypotenuse, so we need to solve for one of the sides.

Substitute in the values into the equation:

$$c^2 = a^2 + b^2$$

$$16^2 = 12^2 + b^2$$

$$256 = 144 + b^2$$

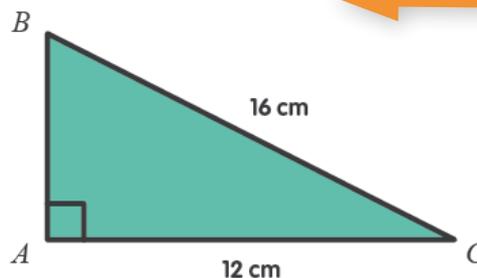
Subtract 144 from each side:

$$112 = b^2$$

$$b = \sqrt{112}$$

Take the square root of 112:

$$b = 10.58$$



Immediate feedback helps nip misconceptions in the bud.

Plenty of practice to build students' self-confidence and improve maths skills.

Unlimited teachers and students,
unbeatable value

All this for **£880** per year (+VAT)

Quizzes that encourage, not overwhelm

Retake quizzes with fresh number variations to **reinforce understanding**.

Clear explanations help students **understand** and **apply** concepts.

Bitesize videos target specific skills for **focused, tailored** support.

Practise regularly in a **low pressure environment** where mistakes are part of learning.

“If there are any topics I struggle with, I'll just do questions on them until I feel more comfortable.”

Lily, Student, Cams Hill School



Students can track their progress, set themselves quizzes and revise at their own pace.

Fill gaps with personalised quizzes

An easier way for you to assess learning

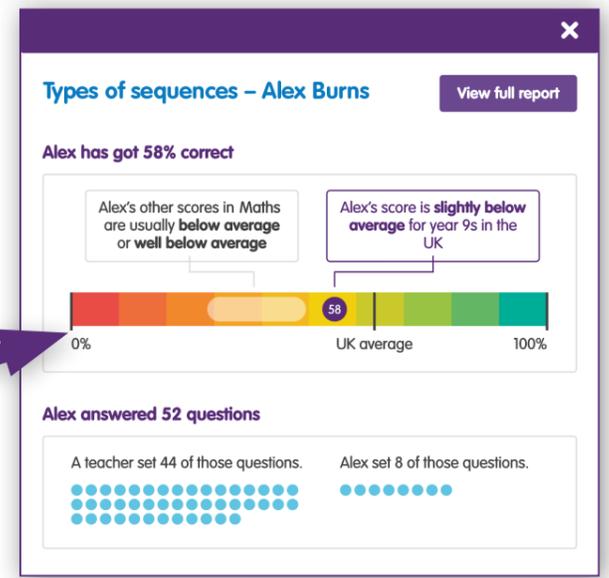
Spot problem areas and skills gaps quickly, e.g. Q3 here.

	Self evaluation	Late	Attempts	Quiz mins	All questions	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14
National averages						56	70	32	49	35	22	49	62	36	72	32	50	58	54
All students	1	1	6	48		45	75	21	57	32	25	43	54	36	57	29	57	61	50
Alison Moyet			1	7	89	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Beyonce Knowles			1	5	86	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ray Charles			1	2	94	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nina Simone			2	7	57	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Jim Morrison	?		1	11	31	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
King Curtis	L		1	2	66	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Billy Bragg			3	4	54	✓	✓	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Kate Bush			1	6	77	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓

Correct answer: 10.58 cm
Student's answer: 9 cm
Marked as wrong

Save hours – we help with assessment and marking so you can focus on teaching.

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- ✓ **Targeted:** Shedloads of practice for mastering essential maths skills.
- ✓ **Time-saving:** Set quizzes quickly and track progress effortlessly.

“ Homework is quick to set and the question analysis is great for picking up on misconceptions. ”
Dawn, Joint Head of Maths, Branston Community Academy

Book your free demo
at educake.co.uk

