

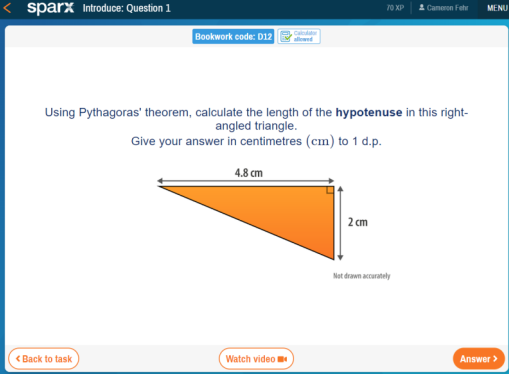
Top Tips for Maths Revision

1. Make the most of lessons

Teachers have planned the remaining weeks specifically to meet your needs, in response to your past performance.

2. Complete homework on Sparx (www.sparxmaths.uk)

These homework tasks reinforce classroom learning and include revision of previous topics. Complete these tasks every week.



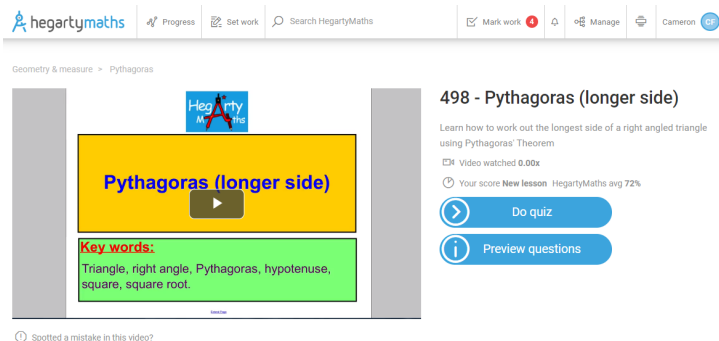
Using Pythagoras' theorem, calculate the length of the hypotenuse in this right-angled triangle.
Give your answer in centimetres (cm) to 1 d.p.

4.8 cm
2 cm
Not drawn accurately

< Back to task Watch video Answer >

3. Utilise QLA sheets with HegartyMaths (hegartymaths.com)

Work on specific areas for improvement. You have QLA sheets from year 10 exams and November mock exams. Look up the video clips. Watch the video. Complete the quiz.



498 - Pythagoras (longer side)
Learn how to work out the longest side of a right angled triangle using Pythagoras' Theorem
Video watched 0.00x
Your score New lesson HegartyMaths avg 72%

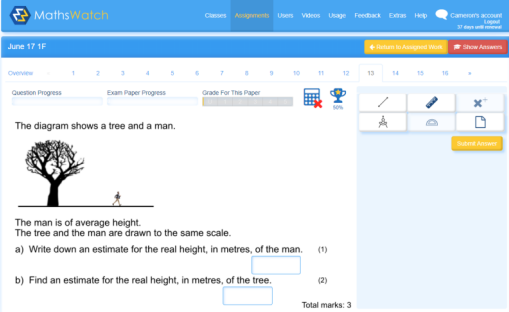
Do quiz
Preview questions

Key words:
Triangle, right angle, Pythagoras, hypotenuse, square, square root.

Questions	Question Title	Score	Clip Number
1	Convert decimals to fractions	1 / 1	52
2	Comparing negative numbers	1 / 1	37
3	Factors of a number	1 / 1	27
4	Converting mass	1 / 1	695
5	Read & write positive integers	1 / 1	13
6	Money	2 / 3	747
7	Writing algebraic expressions	1 / 1	153
8a	Simplifying expressions involving multiplication	0 / 1	158
8b	Indices with algebraic expressions	0 / 1	175
9c	Simplifying expressions involving division	0 / 2	159
9ai	Interpret a pictogram	1 / 1	426
9aii	Interpret a pictogram	1 / 1	426
9b	Complete a pictogram	3 / 3	426
10	Compare positive and negative numbers	1 / 2	14, 37
11	Substitution	0 / 2	784
12a	Read timetables	1 / 1	No video/quiz
12b	Read timetables	2 / 2	No video/quiz
13	Multiplication and division problem solving	3 / 3	23
14	Area of rectangles, find percentages of amounts	0 / 0	
14	Area of rectangles, find percentages of amounts	2 / 4	554, 84
15a	Comparing probabilities	1 / 1	149, 46, 350
15aii	Comparing probabilities	1 / 1	149, 46, 350
15b	Probability of an event not happening	0 / 1	353
15c	Expectation	0 / 2	355
16	Direct Proportion	1 / 4	341
17	Direct Proportion, converting time	2 / 4	339, 710
18	Loc. scale diagrams	0 / 4	676, 679, 867
19a	Solve single linear inequalities (positive x)	0 / 2	269
19b	Solve double linear inequalities and represent on a number line	0 / 3	272, 265
20	Straight line graphs	0 / 3	208
21i	Express one number as a fraction as another, Fractions of an amount	0 / 2	62, 77
21ii	Census, sampling & bias	0 / 1	394
22	Volume of a cuboid, fractions of an amount, converting volume	4 / 4	568, 77, 704
23	Share in a given ratio	0 / 4	332
24a	Ordinary to standard form	1 / 1	122
24b	Standard form to ordinary	1 / 1	123
25a	Fibonacci sequence	1 / 1	263
25b	Fibonacci sequence	0 / 2	263
26	Error Intervals	1 / 2	774
27	Surface area of cylinders	1 / 5	586
	Total	36 / 80	

4. Complete past papers on MathsWatch (mathswatch.co.uk)

These exams mirror the actual past papers. They are marked automatically and they even assign you a grade using the boundaries from that year.



The diagram shows a tree and a man.
The man is of average height.
The tree and the man are drawn to the same scale.
a) Write down an estimate for the real height, in metres, of the man. (1)
b) Find an estimate for the real height, in metres, of the tree. (2)

Total marks: 3

5. Complete past papers on paper

Your maths teacher will provide you with papers throughout the year.

6. Attend Maths intervention

Every Wednesday. Lunch sessions for foundation students in M1. After school in the Business Suite for all students.