Foundation Maths Week 2 Workbook

Questions

 $2x_3$



Topics

Hello! Welcome to Week 2 of your 8 Week GCSE Boot Camp.

Every week you'll get a practice workbook to work through a range of topics, taken from our GCSE Foundation Advanced course.

We've also included links to 2 of our expert tutorial videos on some of these exact questions. That way, if you get stuck, you can try watching one of our tutorial videos with our Maths expert Patricia. For <u>full access to all of the corresponding videos</u> sign up for a SchoolOnline subscription from £8.99 a month.

In next week's email we'll send you the answers to this workbook to download *PLUS* a brand new workbook to practice.

Week 2's workbook topic is:

- Number questions
 - Including questions on Factors,
 Multiples and Standard Form



GCSE Foundation Maths - Number

Highest Common Factor			
	Sample A Foundation Calc Paper 2		
16 Find the Highest Common Factor (HCF) of 24 and 60			
HCF	(Total for Question 16 is 2 marks)		
Sample B Foundation Calc Paper 2			
21 Find the highest common factor (HCF) of 32, 48 and 72			

(Total for Question 21 is 2 marks)

LCM and HCF

June 2018 Foundation Calc Paper 2

21	(a) Find the lowest commo	on multiple (LCM) of 40 and	156	
	$A = 2^3 \times 3 \times 5 \qquad B$	- 2 ² × 2 × 5 ²		(2)
	(b) Write down the highest	common factor (HCF) of A	and B .	
				(1)
N/1	Itiples Factors and Dri	ma Factors	(Total for Question	21 is 3 marks)
Mu	ltiples, Factors and Pri	ille ractors		
	J	June 2018 Foundation	Calc Paper 2	
3	Work out the value of 35			
			(Total for Questio	n 3 is 1 mark)
Ind	icies		(10tmi ioi Questio	

June 2017 Foundation Non-Calc Paper 1

1	Work out the value of	2^4		
				1 is 1 month
Ro	ots		(Total for Question	1 is 1 mark)
		June 2018 Foundation C	alc Paper 3	
8	(a) Find the value of	$\sqrt{1.44 \times 3.61}$		
				(1)
	(b) Find the value of	$(3.54 - 0.96)^2 - 4.096$		
				(2)
Во	unds and Percentag	es	(Total for Question	8 is 3 marks)

June 2017 Foundation Calc Paper 3

(Total for Standard Form	Question 23 is	4 marks)
		(2)
	£	
(b) Work out the value of Rita's house before the increase.		
The value of Rita's house increased by 5%. Her house then had a value of £210 000		
		(1)
	£	
(ii) Write down the greatest possible value of the house.		
(ii) Write down the questest receible value of the house		(1)
	£	
(a) (i) Write down the least possible value of the house.		
23 Harley's house has a value of £160 000 correct to 2 significant figures.	ures.	

June 2017 Foundation Calc Paper 2

(a) Write 4.7×10^{-1} as an ordinary number.	
	(1)
(b) Work out the value of $(2.4 \times 10^3) \times (9.5 \times 10^5)$ Give your answer in standard form.	
	(2)
(Tota	l for Question 15 is 3 marks)

Expert tutorial



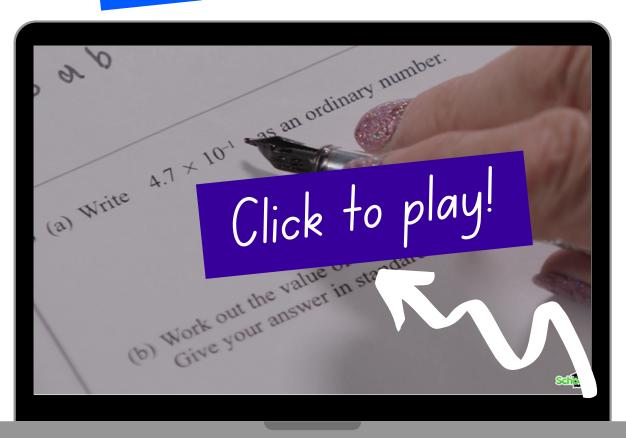
Need some extra help? That's what we're here for!

In this video Patricia will explain how to answer the first question in your workbook on Highest Common Factors (Q16).

Grab your pen and paper and remember to take notes! If you want more access to awesome videos like this, <u>sign up for a full SchoolOnline subscription here.</u>

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Expert tutorial



Need some extra help? That's what we're here for!

In this video Patricia will explain how to answer the final question in your workbook on Standard Form (Q15).

Students often find this topic tricky, so grab your pen and paper and remember to take notes! If you want more access to awesome videos like this, <u>sign up for a full SchoolOnline</u> <u>subscription here.</u>

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