USING A CALCULATOR

Pearson Edexcel - Monday 12 November 2018 - Paper 3 (Calculator) Higher Tier

earson Luckcer - Worl	day 12 November 2010 - Paper 3 (Calculator)	/ mgmer mer
(a) Write 7357 correct	ct to 3 significant figures.	
		(1)
(b) Work out $\frac{\sqrt{17 + 7.3^2}}{7.3^2}$	$\frac{4^2}{1}$	
Write down all th	e figures on your calculator display.	
		(2)
	(Total for Qu	uestion 1 is 3 marks)
	day 6 November 2017 - Paper 2 (Calculator)	Higher Tier
Use your calculator to	work out $\sqrt{\frac{\sin 25^{\circ} + \sin 40^{\circ}}{\cos 25^{\circ} - \cos 40^{\circ}}}$	
(a) Write down all the	figures on your calculator display.	
		(2)
(b) Write your answer	to part (a) correct to 2 decimal places.	

(1)

(Total for Question 8 is 3 marks)

Pearson Edexcel - Thursday	/ 25 May 20)17 - Paper 1	(Non-Calculator)	Higher Tier

3.

15	A co	one	has	a	volu	ıme	of	98	cm	ı³.
	The	rad	lius	of	the	con	e is	5.	13	cm.

(a) Work out an estimate for the height of the cone.

Volume of cone =
$$\frac{1}{3}\pi r^2 h$$



	(3)
John uses a calculator to work out the height of the cone to 2 decimal places.	
(b) Will your estimate be more than John's answer or less than John's answer? Give reasons for your answer.	
	(1)
(Total for Question 15 is	4 marks)

Pearson Edexcel - Monday 8 June 2015 - Paper 2 (Calculator) Higher Tier

4.

- 3 Use your calculator to work out $\frac{\sqrt{70.25}}{4.2 2.37}$
 - (a) Write down all the figures on your calculator display. You must give your answer as a decimal.

	(2)
(b) Write your answer to part (a) correct to 4 decimal places.	
	(1)

(Total for Question 3 is 3 marks)

Pearson Edexcel - Friday	, 12 June 2017 - Dan	or 2 (Calculator	\
realson Luckter - rinua	/ 13 Julie 2014 - Lak	Jei 2 (Calculator	<i>j</i> migner ner

	x = 0.7	
	Work out the value of $\frac{(x+1)^2}{2x}$	
	Write down all the figures on your calculator display.	
	(Total for Question 3 is 2 marks)	
e	arson Edexcel - Friday 8 November 2013 - Paper 2 (Calculator) Higher Tier	
	, , , , , , ,	
	./7056	
	(a) Use your calculator to work out $\frac{\sqrt{7056}}{0.35 \times 12.8}$	
	Write down all the figures on your calculator display. You must give your answer as a decimal.	
	roa mast give jour answer as a decimal.	
		(2)
	(b) Write your answer to part (a) correct to 1 significant figure.	
		(1)

(Total for Question 1 is 3 marks)

Paarson	Edevcel.	- Monday 4	March 2013	- Paner 2	(Calculator)	Higher Tier
Pearson	cuexcei ·	- ivioliuav 4	· IVIALCII ZUIS ·	- Pabel Z I	Calculatori	nigher her

7.

17	Calculate th		volvo	o.F		tan 60° + 1
1,	Calculate in	U	value	oı	٧	tan 60° - 1

Write down all the figures on your calculator display. You must give your answer as a decimal.

(Total for Question 17 is 2 marks)

Pearson Edexcel - Thursday 8 November 2012 - Paper 2 (Calculator) Higher Tier

8.

1	Use a calculator to work out	
	$\frac{\sqrt{20.4}}{6.2 \times 0.48}$	
	Write down all the figures on your calculator display. Give your answer as a decimal.	
	(Total for Question 1 is 2 marks)	
	arson Edexcel - Wednesday 13 June 2012 - Paper 2 (Calculator) Higher Tier	
9.		
2	(a) Use your calculator to work out $\frac{38.5 \times 14.2}{18.4 - 5.9}$	
	Write down all the figures on your calculator display. You must give your answer as a decimal.	
	(2)	
	(b) Write your answer to part (a) correct to 1 significant figure.	
	(1)	EDITO N
	(Total for Question 2 is 3 marks)	

Pearson Edexcel - Monday 5 March 2012 - Paper 4 (Calculator) Higher Tier 10.

5.	(a)	Use your calculator to work out $\frac{\sqrt{2.5^2 + 3.75}}{3.9 - 1.7}$
		Write down all the figures on your calculator display. You must give your answer as a decimal.
		Tou must give your answer as a decimal.
	(b)	Weits your enginer to part (a) correct to 2 desired places
	(0)	Write your answer to part (a) correct to 2 decimal places.
		(1)
		(Total 4 marks)
Posi	rcon	Edexcel - Monday 14 November 2011 - Paper 4 (Calculator) Higher Tier
11.	3011	Luexcer- Worlday 14 November 2011 - Paper 4 (Calculator) Higher Her
1.	(a)	Use your calculator to work out
		$\frac{\sqrt{21.5}}{5.8 - 2.36}$
		Write down all the figures on your calculator display.
		(2)
	(b)	Write down your answer to part (a) correct to 2 decimal places.
		(1)
		(Total 3 marks)

Pearson Edexcel - Friday 10 June 2011 - Paper 4 (Calculator) Higher Tier

- **12**.
 - 13. Use your calculator to work out

$$\sqrt{\frac{920 - 170 \tan 65^{\circ}}{0.012 + 0.034}}$$

- (a) Write down all the figures on your calculator display. You must write your answer as a decimal.
 - (2)
- (b) Give your answer to part (a) correct to 3 significant figures.
 - (1)

(Total 3 marks)

Pearson Edexcel - Friday 12 November 2010 - Paper 4 (Calculator) Higher Tier 13.

9. Use your calculator to work out

$$\frac{13.7 + 5.86}{2.54 \times 3.17}$$

Write down all the figures on your calculator display. You must give your answer as a decimal.

.....

(Total 2 marks)

Pearson Edexcel - Friday 11 June 2010 - Paper 4 (Calculator) Higher Tier

		Use your cald		on your calcula	tor display			
			e your answer		nor display.			
							(2)	
	(b) \	Write your an	nswer to part (a	a) correct to 2 (decimal places.			
							(1)	
						(Total	l 3 marks)	_
Pea	rsor	ı Edexcel	- Tuesday	y 10 Nove	mber 2009	- Paper 4	(Calcula	tor) Higl
	rsor	ı Edexcel	- Tuesday	y 10 Nove	mber 2009	- Paper 4	(Calcula	tor) High
15.						·	(Calcula	tor) High
15.		Use your	calculator t	o work out t	he value of	8.7×12.3 9.5-5.73	(Calcula	tor) High
15.		Use your Write dov	calculator t	o work out t		8.7×12.3 9.5-5.73	(Calcula	tor) High
15.		Use your Write dov	calculator to	o work out t	he value of	8.7×12.3 9.5-5.73	(Calcula	tor) High
15.		Use your Write dov	calculator to	o work out t	he value of	8.7×12.3 9.5-5.73	(Calcula	tor) Higl
15.		Use your Write dov	calculator to	o work out t	he value of	8.7×12.3 9.5-5.73	(Calcula	tor) Higl
15.		Use your Write dov	calculator to	o work out t	he value of	8.7×12.3 9.5-5.73	(Calcula	tor) High
15.		Use your Write dov	calculator to	o work out t	he value of	8.7×12.3 9.5-5.73		tor) High
15.		Use your Write dov	calculator to	o work out t	he value of	8.7×12.3 9.5-5.73		
15.	(a)	Use your Write dov Give your	calculator to vn all the di r answer as	o work out t	he value of	8.7×12.3 9.5-5.73		
15.	(a)	Use your Write dov Give your	calculator to vn all the di r answer as	o work out t	he value of our calculator	8.7×12.3 9.5-5.73		
15.	(a)	Use your Write dov Give your	calculator to vn all the di r answer as	o work out t	he value of our calculator	8.7×12.3 9.5-5.73		
15.	(a)	Use your Write dov Give your	calculator to vn all the di r answer as	o work out t	he value of our calculator	8.7×12.3 9.5-5.73		

OCR GSCE – Sample Papers – Paper 4 (Calculator) Higher Tier

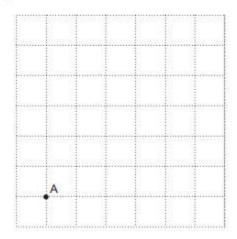
16.

12 (a) Without using a calculator, show that $\sqrt{20} = 2\sqrt{5}$.

[2]

(b) The point A is shown on the unit grid below. The point B is $2\sqrt{5}$ units from A and lies on the intersection of two grid lines.

Mark one possible position for B.



[3]

AQA GSCE – Thursday 8 November 2018 – Paper 2 (Calculator) Higher Tier 17.

11 An approximation for the value of π is given by

$$4\bigg(1-\frac{22}{57}+\frac{22}{85}-\frac{22}{105}+\frac{22}{117}-\frac{22}{242}\bigg)$$

Use your calculator to show that this approximation is within 0.1 of 3.14	[2 marks]

AQA GSCE – Sample Paper 3 (Calculator) Higher Tier

18.

(a)	Use your calculator to work out $19.42^2 - \sqrt[3]{1006} \div 4.95$	
	Write down your full calculator display.	[1 mark]
	Answer	
(b)	Use approximations to check that your answer to part (a) is sensible. You must show your working.	[2 marks]
	You must show your working.	[2 marks]