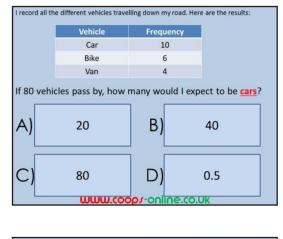
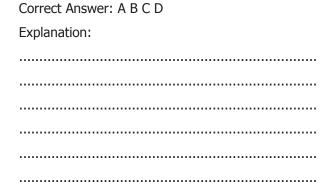


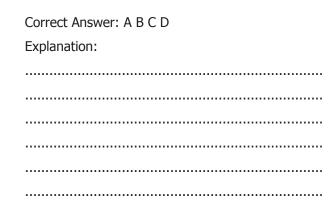
New Maths GCSE: P2 & P3 - Expected Frequencies

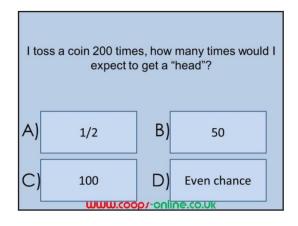
Nan	ne:			Date:
I toss:	a biased coin 200 times I get the	se results:		Correct Answer: A B C D
	Donato	Frequ		Explanation:
	Heads Tails	15		
I tos Head	s the coin 500 times, ho ds?	ow many	times would I expect	
A)	375	B)	400	
] <u>[</u>		
()	125	D)	350	
C)	WWW.coc		1000-000	
I recor	d all the different vehicles travel	lling down m	y road. Here are the results:	Correct Answer: A B C D
	Vehicle	Frequ	ency	Evalenation
	Car	10		Explanation:
	Bike Van	6		
Wha	t is the probability that	the next	vehicle will be <u>a car</u>	
] _,[
A)	0.5	B)	10	
		J		
_,] _,[
C)	2	(O	1	
	www.coc	ops-onli	ne.co.uk	
I recor	d all the different vehicles travel	lling down m	y road. Here are the results:	Correct Answer: A B C D
	Vehicle	Frequ	ency	
	Car	10	and the same of th	Explanation:
	Bike	6		
	Van	4		
Wha	t is the probability that	the next	vehicle will be <u>a bike</u>	
A)	6	B)	0.6	
-,] -/		
CI	0.3	D)	0.60	
	шшш.сос	_ /		



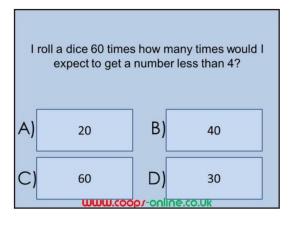


I record	I record all the different vehicles travelling down my road. Here are the results:				
	Vehicle	Frequency			
	Car	10			
	Bike	6			
	Van	4			
If 60	vehicles pass by, ho	w many would I ex	pect to be bikes?		
A)	10	В)	1.8		
C)	36	D)	18		
	www.c	oops-online.co	.UK		





Correct Answer: A B C D	
Explanation:	



Correct Answer: A B C D	
Explanation:	

Luc				
Lea				Correct Answer: A B C D
I roll a dice 240 times how many times would you expect to get a square number?			anv times would vou	Explanation:
		5,		
A)	40	B)	80	
		_ ,		
C	120	D)	160	
	www.coo	pr-oni	ne.co.uk	
				1
				Correct Answer: A B C D
1	probability that I wil	l miss	my bus is 2/7. How	Explanation:
n	nany times do I exp	ectio	miss it in 2 weeks?	
A)	3	В)	4	
,		-,		
C	2	D)	8	
	www.coo	,		
				Correct Answer: A B C D
	probability that I win	n whor	n I play my friend at	Explanation:
	chess is 4/9. How n			
	loose if I n		mes do I expect to	
		olay 27	mes do I expect to	
A)	12		mes do I expect to	
A)		olay 27	mes do I expect to games?	
A)		olay 27	mes do I expect to games?	
A)	12	B)	mes do I expect to games? 13	
A)	12	B)	mes do I expect to games? 13	
C	12 15 www.coo	B)	mes do I expect to games? 13	Correct Answer: A B C D
C	12	B)	mes do I expect to games? 13	
C	15 WWW.coo EXPECTATIO I roll a dice 120 tim	B) D) ps-onl N nes. Ho	mes do I expect to games? 13 9 ne.co.uk	Correct Answer: A B C D
C	12 15 WWW.coo	B) D) ps-onl N nes. Ho	mes do I expect to games? 13 9 ne.co.uk	Correct Answer: A B C D
C	15 WWW.coo EXPECTATION I roll a dice 120 time might I expect to	B) ON nes. Ho roll?	mes do I expect to games? 13 9 ne.co.uk	Correct Answer: A B C D
C	15 WWW.coo EXPECTATIO I roll a dice 120 tim	B) D) ps-onl N nes. Ho	mes do I expect to games? 13 9 ne.co.uk	Correct Answer: A B C D
C	15 WWW.coo EXPECTATION I roll a dice 120 time might I expect to	B) ON nes. Ho roll?	mes do I expect to games? 13 9 ne.co.uk	Correct Answer: A B C D

	PERIME	
		equal sections on it; red, green, I spin it 100 times and get the
		e. Which of the following is not true.
		<u> </u>
Colour	Frequency	 a) I got more reds because of luck
Red	35	b) If I repeat the experiment more times, I
1100		
Green	25	expect the results to eventually even
	25 27	expect the results to eventually even out c) The spinner is definitely biased to red
Green		out

Correct Answer: A B C D
Explanation: