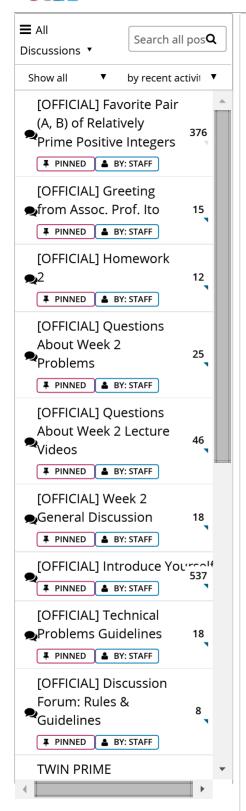
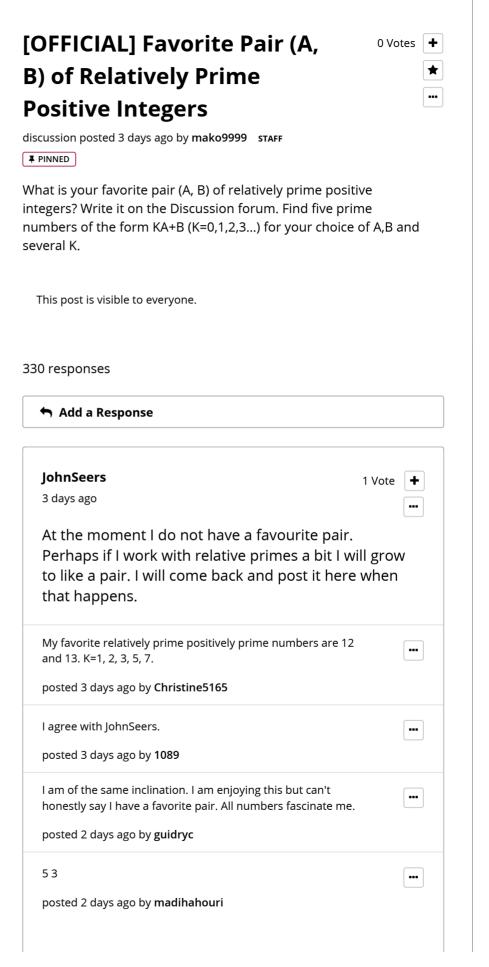


KyotoUx: 004x Fun with Prime Numbers: The Mysterious World of Ma...





(A,B)=(6;7) 6*0+7=7 6*1+7=13 6*2+7=19	•••
posted a day ago by <b>mariammanourama</b>	
agree too, maybe next week we can decide, for the moment all numbers are fascinating!	•••
posted a day ago by <b>LaroncioK</b>	
agree! I don't feel like I know enough to understand all the implications of different pairs, so I can't pick a favorite one until I can see those things.	•••
posted a day ago by <b>lindseymcal</b>	
9, 5	
posted a day ago by <b>JelenaJe</b>	
I'll go with these five (11,31,41,51,61) for KA+B where A = 5, B = 1 K = 2 so (2*5) + 1 = 11 K = 6 so (6*5) + 1 = 31 K = 2 so (8*5) + 1 = 41 K = 2 so (10*5)+ 1 = 51 K = 2 so (12*5) + 1 = 61	•••
posted a day ago by <b>davepete2010</b>	
'm with lindseymcal - I don't yet know enough to choose a favourite pair, but am thoroughly enjoying the exploration.	•••
posted about 17 hours ago by <b>SusanU</b>	
51=3*17	•••
posted about 8 hours ago by <b>KurtCrowder</b>	
agree with u	•••
posted about 6 hours ago by <b>Vijay_Shiv</b>	
Add a comment	
Add a comment	
<b>hurgadion</b> 0 Vote 3 days ago	s <b>+</b>
o uays ago	•••
Hi, maybe (A,B)=(2,3), then K may be 0, 1, 2, 4, 5,	
best regards, DJ	
Add a comment	

3 days ago	0 Votes +
My choice is: A = 7, B = 10	
K can be: 1, 3, 7, 9, 13	
Yes	•••
posted about 6 hours ago by <b>Vijay_Shiv</b>	
Add a comment	
BrianKieslich 3 days ago	4 Votes +
No favorites, but how about (6, 1). 1 = 13, 6*3 + 1 = 19, 6*5 + 1 = 31, 6 look like I have found a funktion to numbers from prime numbers. Wil that tomorrow.	*7 + 1 = 43. Hey, it produce prime
	•••
posted 2 days ago by <b>harris-alam</b>	
posted 2 days ago by <b>harris-alam</b> 6*19 + 1 = 115 - not a prime	•••
posted 2 days ago by harris-alam  6*19 + 1 = 115 - not a prime  posted a day ago by eneagoe	
posted 2 days ago by harris-alam  6*19 + 1 = 115 - not a prime  posted a day ago by eneagoe  Yes	
posted 2 days ago by harris-alam  6*19 + 1 = 115 - not a prime  posted a day ago by eneagoe  Yes	
posted 2 days ago by harris-alam  6*19 + 1 = 115 - not a prime  posted a day ago by eneagoe  Yes  posted about 6 hours ago by Vijay_Shiv  Add a comment	0 Votes +
posted 2 days ago by harris-alam  6*19 + 1 = 115 - not a prime posted a day ago by eneagoe  Yes posted about 6 hours ago by Vijay_Shiv  Add a comment  madhuhrao 3 days ago	
I am really fascinated with this!!  posted 2 days ago by harris-alam  6*19 + 1 = 115 - not a prime  posted a day ago by eneagoe  Yes  posted about 6 hours ago by Vijay_Shiv  Add a comment  madhuhrao 3 days ago  My choice is (5,8)  K = 1, 3, 7, 9, 13, 15, 19	0 Votes +

Add a comment	
<b>BMackay</b> 3 days ago	1 Vote +
numbers, so they are A = when K=1 KA+B = 41 (pri K=3 KA+B= 53 (prime) K= prime K=6 KA+B = 71 (pr	me using the first 4 prime = 6 (2*3) and B = 35 (5*7) so ime) K=2 KA+B = 47 (prime) =4 KA+B = 59 (prime) K=5 not rime) I was amazed at how gave me 5 prime numbers!
Add a comment	
valaiganesh	0 Votes 🛨
3 days ago	
	no a uning the first 1 prime
numbers, so they are A = when K=1 KA+B = 41 (pri K=3 KA+B= 53 (prime) K= prime K=6 KA+B = 71 (pr	me using the first 4 prime = 6 (2*3) and B = 35 (5*7) so ime) K=2 KA+B = 47 (prime) =4 KA+B = 59 (prime) K=5 not rime) I was amazed at how gave me 5 prime numbers!
numbers, so they are A = when K=1 KA+B = 41 (pri K=3 KA+B= 53 (prime) K= prime K=6 KA+B = 71 (pr	= 6 (2*3) and B = 35 (5*7) so ime) K=2 KA+B = 47 (prime) =4 KA+B = 59 (prime) K=5 not ime) I was amazed at how
numbers, so they are A = when K=1 KA+B = 41 (pri K=3 KA+B= 53 (prime) K= prime K=6 KA+B = 71 (pr quickly the progression s	= 6 (2*3) and B = 35 (5*7) so ime) K=2 KA+B = 47 (prime) =4 KA+B = 59 (prime) K=5 not rime) I was amazed at how gave me 5 prime numbers!
numbers, so they are A = when K=1 KA+B = 41 (pri K=3 KA+B= 53 (prime) K= prime K=6 KA+B = 71 (pr quickly the progression grounds)	= 6 (2*3) and B = 35 (5*7) so ime) K=2 KA+B = 47 (prime) =4 KA+B = 59 (prime) K=5 not rime) I was amazed at how gave me 5 prime numbers!
numbers, so they are A = when K=1 KA+B = 41 (pri K=3 KA+B= 53 (prime) K= prime K=6 KA+B = 71 (pri quickly the progression ground food posted about 6 hours ago by Vija	= 6 (2*3) and B = 35 (5*7) so ime) K=2 KA+B = 47 (prime) =4 KA+B = 59 (prime) K=5 not rime) I was amazed at how gave me 5 prime numbers!

Add a comment alistairB 0 Votes + 3 days ago I also chose relative primes A = 6 and B = 35 using the first four primes. Using values of K = 1, 2, 3, 4, 6 generates primes 41, 47, 53, 59, 71 Add a comment williamwun 0 Votes + 3 days ago Hi guys, my favorite relative primes are (14, 15). Thus according to KA+B: 14 (1) + 15 = 29 14(2) + 15 = 43 14(3)+15 (not prime)  $14(4) + 15 = 71 \ 14(5) + 15 \ (not prime) \ 14(6) + 15 \ (not$ prime) 14(7) + 15 = 113 14(8) + 15 = 127 William Wun Add a comment jdiet 0 Votes 3 days ago ••• My choice is 4 and 15 4\*k + 15 = (19,23,31,43,47, ...pour k=1,2,4,7,8, ...) Add a comment poomot 0 Votes + 3 days ago

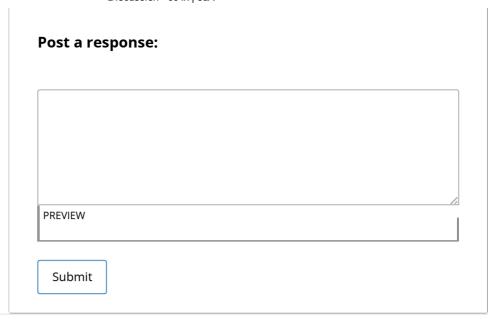
My choice: (A,B)=(14,1) generates primes P = I (1,2,4,7,8). P will be 29	KA+B for example with K in	
	127 14 15 10 155 14 15 12 183 15 18 267 14 15 20 295 14 15	•••
posted a day ago by <b>Dia6</b>		
I believe I am getting it! Thank	ks for splitting your numbers.	•••
posted a day ago by <b>Dia6</b>		
Add a comment		
<b>Robangelo</b> 3 days ago	0 Votes	+
	x = 43 (K=1) ; 65 (K=2) ; 87( K=3	);
Add a comment		
Dornchen	1 Vote	+
3 days ago  My numbers are A= 2 resulting in 5, 7, 17, 37	and B = 5. K = 0, 1, 3, 7 and 9 - 7 and 47	•••
Good choice^^		•••
posted about 2 hours ago by	BenMenzel	
Add a comment		
SalixDW	0 Votes	+
3 days ago		
but here is one: A = 6 (	'favorite" relative prime pair, (2*3); B = 35 (5*7); when K=1, 2, KA+B = 47 (prime) K=3, KA+E	3

(not prime) K=6, KA+B = 71 (prime) K=7, (not prime) K=8, KA+B = 83 (prime) K=9, (prime) K=10, KA+B = 95 (not prime)	
l agree no favorite numbers so picked the lowest 2	23
l liked the way you split your numbers into primes. Th helps with my understanding.	ianks, it
posted a day ago by <b>Dia6</b>	
Add a comment	h
kauikahano	0 Votes 🛨
3 days ago 4, 9	••
When K=1, 2, 5, 7, 11 P=13, 17, 29, 37, 53  Add a comment	
tatper 3 days ago 2,7	0 Votes +
3 days ago	
3 days ago  2,7  So K could be 0 (=7), 2(=11), 3(=13), 5(=17) and 6 (=19)	<u></u>
3 days ago  2,7  So K could be 0 (=7), 2(=11), 3(=13), 5(=17) and 6 (=19)  posted a day ago by Z12  Add a comment  Maxiel	
3 days ago  2,7  So K could be 0 (=7), 2(=11), 3(=13), 5(=17) and 6 (=19) posted a day ago by Z12  Add a comment	0 Votes +

<b>tajger</b> 3 days ago	0 Votes
My favourite number is 4, prime numbers following where $A = 4$ and $B = 3$ , (rel.), 11 (K = 2), 19 (K = 4), 23	so l choose pair (4, 3). Five the recipe P = A * K + B, latively prime) are: 7 (K =
Add a comment	
<b>123johanlindeberg</b> 3 days ago	0 Votes
6*K+5 -> 5, 11, 17, 23, 29. first prime numbers 2, 3 a	6=2*3, So it consists of the and 5.
Add a comment	
Vikash-G	0 Votes
3 days ago (A,B)=(5,8) K=8,13,18	•
Add a comment	
<b>anactheo</b> 3 days ago	0 Votes
A= 6 B=35. K =1,2, 3, 4, 6, 8	8, 9, 11, 12, 13, 16, 17, 19
	9, 101, 107, 113, 131, 137,

3 days ago	
Hi, A= 2 & B = 3 P = [3, 5,7,11,13] for	K = [0,1,2,4,5]
Add a comment	
hotdnow	0 Votes 🛨
3 days ago	•••
If $A = 2$ and $B = 3$ , one gets the follow	wing results:
K = 0: P = 3	
K =2: P = 7	
K = 4: P = 11	
K = 5: P = 13	
K = 7: P = 17	
Thanks!	
Good	•••
posted about 6 hours ago by Vijay_Shiv	
Add a comment	
<b>hannes4</b> 3 days ago	0 Votes +
l pick (A,B) = (2,3) Then KA+B for K=0 the primes 3, 5, 7, 11, 13	),1,2,4,5 yields
me too	•••
posted 2 days ago by <b>Elyasin</b>	
Hey, those are the same ones I picked too!	•••
posted 2 days ago by <b>tongkiat</b>	

Alternatively, pick A = 3, B = 4. A and B are relatively prime. K = 1, 3, 5, 9, 11, 13, 19,  • K = 1, KA + B = 7	
■ K = 1, KA + B = 7	
1/103 : 🗗 /	
■ K = 3, KA + B = 13	
■ K = 5, KA + B = 19	
■ K = 9, KA + B = 31	
■ K = 11, KA + B = 37	
■ K = 13, KA + B = 43	
■ K = 19, KA + B = 61	
posted 2 days ago by <b>tongkiat</b>	
/up Me too	•••
posted a day ago by <b>yeoinho324</b>	
picked 6 and 17 but I'm not sure if they are favorites. When	
<= 1,2,3,5,7,11, then P=23, 29, 35, 47, 59, 73	
posted about 9 hours ago by <b>PuffinM</b>	
Add a comment	
sandipan_dey 0 Vo	tes 🛨
ess than a minute ago	
My favorite pair is (9, 16), A=9, B=16, with the	
Following primes of the form $kA+B$ : $k=3$ , $p_1 = 43$	
UNUVALUE DI HILES OF LITE TOFFIL KATD, K-3, D. 1 - 43	
•	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15,	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15,	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15,	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15,	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15,	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, o_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, o_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, o_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, o_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, o_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, o_5=151	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151  Add a comment	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151  Add a comment  PREVIEW	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151  Add a comment	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151  Add a comment  PREVIEW	
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k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151  Add a comment  PREVIEW  Submit	
k=5, p_2 = 61 k=7, p_3 = 79 k=9, p_4 = 97 k=15, p_5=151  Add a comment  PREVIEW	





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