

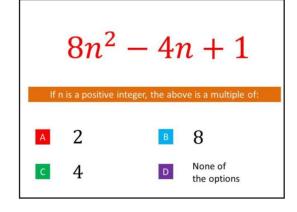
New Maths GCSE: A6 - Algebraic Proof

None of

Name:	Date:
4n + 12 If n is a positive integer, the above is a multiple of: A 4 B 12 C 3 None of the options	Correct Answer: A B C D Explanation:
6n + 9	Correct Answer: A B C D Explanation:
If n is a positive integer, the above is a multiple of: A 9 B 6 C 3 None of the options	
$8n^2-6n$ If n is a positive integer, the above is a multiple of:	Correct Answer: A B C D Explanation:
2 3 8	

$12n^2 + 9n$ If n is a positive integer, the above is a multiple of: A 12 B 3 C 6 D None of the options

Correct Answer: A B C D
Explanation:



Correct Answer: A B C D	
Explanation:	

If n is	a positive integer, which of the following numbers is always odd?
А	n+1
В	2n - 1
С	3n
D	$n^2 + 1$

Correct Answer: A B C D	
Explanation:	

If n is	a positive integer, which of the following numbers is always even
А	$n^2 - 2$
В	3n + 4
С	2n + 6
D	n+2

Correct Answer: A B C D	
Explanation:	

If n is a positive integer, which of the following shows two consecutive square numbers?

- n^2 and $(n+2)^2$
- n^2 and $(n+1)^2$

Explanation:	

Correct Answer: A B C D

If n is a positive integer, which of the following shows two consecutive odd numbers?

- 2n-1 and 2n+1
- n and n+1
- n and n+3

Correct Answer: A B C D
Explanation:

If n is a positive integer, which of the following shows two consecutive even numbers?

- $n \quad and \quad n+1$
- n and n+2
- 2n+8 and 2n+10
- 2n+1 and 2n+3

Correct Answer: A B C D	
Explanation:	