

## **New GCSE Maths: A4 - Rules of Algebra**

Name:	Date:
5a + 2b	Correct Answer: A B C D Explanation:
What does this simplify to?	
■ 10ab ■ 7ab	
1000	
None of	
7 + ab • the above	
	Correct Answer: A B C D
4g + 2g	Explanation:
What does this simplify to?	
■ 8 <i>g</i> ■ 6 <i>g</i>	
lacksquare the above	
	Correct Answer: A B C D
$3p \times 2q$	Explanation:
What does this simplify to?	
I .	

None of the above

## 3m + 2n - m

What does this simplify to?

- 2m + 2n 3 + 2n
- 4m + 2n None of the above

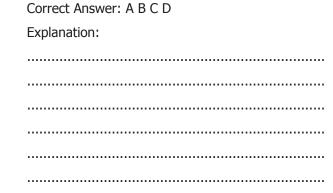
Explanation:	

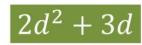
Correct Answer: A B C D

## 6g - 2h + h

What does this simplify to?

- $\stackrel{\blacksquare}{\blacksquare}$  4gh<sup>2</sup>
- 6g + 3h
- $\mathbf{G} \quad 6g 3h$
- None of the above





What does this simplify to?

- $^{\mathsf{A}}$   $6d^3$
- $5 + d^3$
- $5d^3$
- None of the above

Correct Ariswer. A B C D
Explanation:

- 2		
$6p^2$	×	2p
		100

What does this simplify to?

- $12p^3$
- $12p^2$
- $8p^3$
- None of the above

Correct Answer: A B C D
Explanation:

4	+	6 <i>k</i>
	2	

What does this simplify to?

- $^{A}$  2 + 6k
- 8 + 12k
- 4 + 3k
- None of the above

explanation:	

Correct Answer: A B C D

$3m + m^2$
$\overline{m}$

What does this simplify to?

- $3 + m^2$ 
  - $3m^2 + m^3$
- 3+m
- None of the above

Correct Answer: A B C D	
Explanation:	

9p + 6
$3p^2$

What does this simplify to?

- $\frac{3p+}{p^2}$
- $\frac{3+6}{p}$
- $\frac{3+2}{p}$
- None of the above

Correct Answer: A B C D
Explanation: