



New GCSE Maths: A4 - Rules of Algebra

Name:.....

Date:.....

$5a + 2b$

What does this simplify to?

A $10ab$ **B** $7ab$

C $7 + ab$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$4g + 2g$

What does this simplify to?

A $8g$ **B** $6g$

C $6g^2$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$3p \times 2q$

What does this simplify to?

A $6 + pq$ **B** $5pq$

C $6pq$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$$3m + 2n - m$$

What does this simplify to?

- A** $2m + 2n$ **B** $3 + 2n$
C $4m + 2n$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$$6g - 2h + h$$

What does this simplify to?

- A** $4gh^2$ **B** $6g + 3h$
C $6g - 3h$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$$2d^2 + 3d$$

What does this simplify to?

- A** $6d^3$ **B** $5 + d^3$
C $5d^3$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$$6p^2 \times 2p$$

What does this simplify to?

- A** $12p^3$ **B** $12p^2$
C $8p^3$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$$\frac{4 + 6k}{2}$$

What does this simplify to?

- A** $2 + 6k$ **B** $8 + 12k$
C $4 + 3k$ **D** None of the above

Correct Answer: A B C D

Explanation:

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

What does this simplify to?

- A** $3 + m^2$ **B** $3m^2 + m^3$
C $3 + m$ **D** None of the above

Correct Answer: A B C D

Explanation:

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$$\frac{9p + 6}{3p^2}$$

What does this simplify to?

- A** $\frac{3p + 2}{p^2}$ **B** $\frac{3 + 6}{p}$
C $\frac{3 + 2}{p}$ **D** None of the above

Correct Answer: A B C D

Explanation:

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