New Maths GCSE: A4 - Multiplying Terms

Name:.. Date:..

$3p \times 2q$

What does this simplify to?

A $\quad 6 + pq$ B $\quad 5pq$

C $\quad 6pq$ D $\quad$ 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 $\quad 12p^3$ B $\quad 12p^2$

C $\quad 8p^3$ D $\quad$ None of the above

Correct Answer: A B C D

Explanation:

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Algebraic Simplification

Simplify 3y × 4y

A) 7y   B) 7y²

C) 12y²   D) 12y

Correct Answer: A B C D

Explanation:

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Simplify the following

$$5 \times 7a$$

A) 12a B) 57a C) 35a D) $35a^2$

Correct Answer: A B C D

Explanation:

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Which shows an equation matching $(5n)^2$? Explain why.

A: $(5n)^2 = 10n$
B: $(5n)^2 = 10n^2$
C: $(5n)^2 = 5n^2$
D: $(5n)^2 = 25n^2$

Correct Answer: A B C D

Explanation:

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Questions provided by JustMaths

Simplify $\quad 3w \times 4w =$ [shaded box]

What should go in the shaded box?

A) 12ww B) 7ww

C) $12w^2$ D) $7w^2$

Correct Answer: A B C D

Explanation:

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Questions provided by JustMaths

Simplify $m^6 \times m^7$ (1)

What should go in the shaded box?

A) $2m^{42}$ B) m^{42}

C) $2m^{13}$ D) m^{13}

Correct Answer: A B C D

Explanation:

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Simplify the following

$$4a \times 8a$$

A) 33a   B) 34   C) 32a   D) $32a^2$

Correct Answer: A B C D

Explanation:

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Simplify the following

$$10a \times 8b$$

A) 81a   B) 80ab   C) 18ab   D) $80ab^2$

Correct Answer: A B C D

Explanation:

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Index Laws

Simplify $7a^2b \times 5a^6b^4$

A) $12a^8b^5$

B) $35a^8b^5$

C) $35a^{12}b^4$

D) $12a^{12}b^5$

Correct Answer: A B C D

Explanation:

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