



New Maths GCSE: A7 - Function Machines - numbers

Name:.....

Date:.....

What is the output?

a) 23 b) 15
c) 19 d) 7

Correct Answer: A B C D

Explanation:

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What is the output?

a) -3 b) 3
c) -4 d) -21

Correct Answer: A B C D

Explanation:

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What is the input?

a) 15 b) 78
c) 8.6666 d) 6

Correct Answer: A B C D

Explanation:

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What is the input?

a) -8 b) 4
c) 8 d) -4

Correct Answer: A B C D

Explanation:

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Which of these could **NOT** be the function?

a) $x^2 + 2$ b) $x^4 - 4$
c) $x^{10} - 30$ d) $+ 6$

Correct Answer: A B C D

Explanation:

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Which of these could **NOT** be the function?

a) $x(-2) + 12$ b) $x^2 - 16$
c) -9 d) $x^1 - 2$

Correct Answer: A B C D

Explanation:

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Which of these could **NOT** be the function?

a) $+ 10$ b) $x^2 + 4$
c) $x^8 + 24$ d) $x(-4)$

Correct Answer: A B C D

Explanation:

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Formula

A table is shown.

Input	Output
2	12
4	24
8	48

What is the output number when the input number is 12?

- A 2
- B 60
- C 72
- D 96



Correct Answer: A B C D

Explanation:

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