

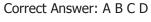
## New Maths GCSE: A7 - Function Machines - algebraic expressions

Name:	Date:
$\begin{array}{c c} & \text{Output} \\ \hline x & \times 3 & +2 & y \\ \hline \end{array}$	Correct Answer: A B C D Explanation:
Which of the following gives the correct output y, as an expression in terms of x? $y = 5x$ $y = 6x$	
y = 3x + 2 $y = 2x + 3$	
Unput $x$ $x$ $x$ $y$ Which of the following gives the correct output y, as an expression in terms of x?  A $y = 5x - 1$ B $y = 4x$ C $y = -5x$ D $y = 5(x - 1)$	Correct Answer: A B C D  Explanation:
Unput  Output $x$ $+4$ $\times$ 2  Which of the following gives the correct output y, as an expression in terms of x? $y$ $y = 2(x + 4)$ $y = (x + 4)^2$	Correct Answer: A B C D Explanation:

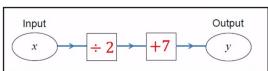


Which of the following gives the correct output y, as an expression in terms of x?

- y = 6x 5 y = x 30
- y = 6(x 5) y = -30x



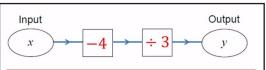
Explanation:



Which of the following gives the correct output y, as an expression in terms of x?

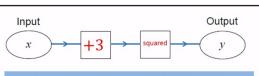
## Correct Answer: A B C D

Explanation:



Correct	Answer:	Α	В	C	D

Explanation:



- $y = x^2 + 3^2$

Correct	Answer:	Α	В	C	D

Explanation: