



Exit Ticket K6 - Transforming Graphs and Functions

Name:

Date:

If the purple graph is $y = f(x)$, what is the equation of the red graph?

A $y = -f(x)$ **B** $y = f(x) - 4$
C $y = f(-x)$ **D** $y = 2f(x)$

Correct Answer: A B C D

Explanation:

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If the black graph is $y = f(x)$, what is the equation of the red graph?

A $y = f(x) + 4$ **B** $y = f(x + 4)$
C $y = f(3x)$ **D** $y = 3f(x)$

Correct Answer: A B C D

Explanation:

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Which of the following could be the equation of the graph?

A $y = (x - 3)^2$ **B** $y = x^2 - 3$
C $y = x^2 + 3$ **D** $y = (x + 3)^2$

Correct Answer: A B C D

Explanation:

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