



Function Transformations (Definition) - Double Definition (Values) to Transformation

<p>1</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Reflect in X-Axis Vertical compression: 0.5</p>	<p>2</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Horizontal compression: 3 Shift right: 5</p>		
<p>A $g(x) = 0.5f(-x)$</p>	<p>B $g(x) = -f(0.5x)$</p>	<p>A $g(x) = f(3x) + 5$</p>	<p>B $g(x) = f(3x - 5)$</p>
<p>C $g(x) = -0.5f(x)$</p>		<p>C $g(x) = 3f(x - 5)$</p>	
		<p>3</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Reflect in Y-Axis Reflect in X-Axis</p>	<p>4</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Reflect in Y-Axis Shift up: 4</p>
<p>A $g(x) = -f(-x)$</p>	<p>B $g(x) = -f(x)$</p>	<p>A $g(x) = f(-x) - 4$</p>	<p>B $g(x) = f(-x) + 4$</p>
<p>C $g(x) = f(-x)$</p>		<p>C $g(x) = f(-x - 4)$</p>	
<p>5</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Reflect in Y-Axis Shift up: 2</p>	<p>6</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Reflect in X-Axis Shift right: 4</p>		
<p>A $g(x) = f(-x) - 2$</p>	<p>B $g(x) = -f(x) + 2$</p>	<p>A $g(x) = -f(x + 4)$</p>	<p>B $g(x) = -f(x) + 4$</p>
<p>C $g(x) = f(-x) + 2$</p>		<p>C $g(x) = -f(x - 4)$</p>	
		<p>7</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Vertical compression: 0.33 Shift left: 4</p>	<p>8</p> <p>Which function $g(x)$ shows these transformations of $f(x)$? Reflect in X-Axis Shift left: 2</p>
<p>A $g(x) = 0.33f(x - 4)$</p>	<p>B $g(x) = f(0.33x + 4)$</p>	<p>A $g(x) = -f(x - 2)$</p>	<p>B $g(x) = -f(x + 2)$</p>
<p>C $g(x) = 0.33f(x + 4)$</p>		<p>C $g(x) = f(-x + 2)$</p>	