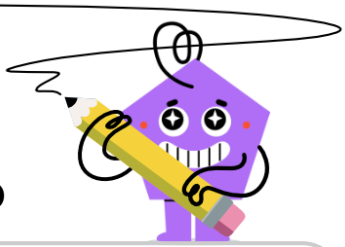
Name



Function Transformations (Vertex) - Double Transformed Vertex (Values) to Transformation

1

If the vertex of f(x) is (a,b), which function g(x) would have this vertex? $(-a, b+2)$

A $g(x) = f(-x) + 2$	B $g(x) = -f(x) + 2$
C $g(x) = f(-x) - 2$	

2

If the vertex of f(x) is (a,b), which function g(x) would have this vertex? $(a, 0.33 \cdot b + 3)$

A $g(x) = f(0.33x) + 3$	B $g(x) = 0.33f(x) - 3$
C $g(x) = 0.33f(x) + 3$	

3

If the vertex of f(x) is (a,b), which function g(x) would have this vertex?

$(-a, 3 \cdot b)$

A $g(x) = -3f(x)$	B $g(x) = f(-3x)$
C $g(x) = 3f(-x)$	

4

If the vertex of f(x) is (a,b), which function g(x) would have this vertex? $(\frac{a}{0.33} - 5, b)$

A $g(x) = f(0.33x - 5)$	B $g(x) = 0.33f(x + 5)$
C $g(x) = f(0.33x + 5)$	

5

If the vertex of f(x) is (a,b), which function g(x) would have this vertex?

$(a, -3 \cdot b)$

A $g(x) = -3f(x)$	B $g(x) = -f(3x)$
C $g(x) = 3f(-x)$	

6

If the vertex of f(x) is (a,b), which function g(x) would have this vertex? $(a+3, -b)$

A $g(x) = f(-x - 3)$	B $g(x) = -f(x + 3)$
C $g(x) = -f(x - 3)$	

7

If the vertex of f(x) is (a,b), which function g(x) would have this vertex? $(a-2, -b)$

A $g(x) = -f(x - 2)$	B $g(x) = f(-x + 2)$
C $g(x) = -f(x + 2)$	

8

If the vertex of f(x) is (a,b), which function g(x) would have this vertex? $(a+2, 0.33 \cdot b)$

A $g(x) = f(0.33x - 2)$	B $g(x) = 0.33f(x + 2)$
C $g(x) = 0.33f(x - 2)$	