

## Transformation - Compression/Stretch

Write the transformed function.

1)  $f(x) = 2x + 3$  ; stretched vertically by a factor of 5.

$g(x) =$  \_\_\_\_\_

2)  $f(x) = -10x - 3$  ; compressed horizontally by a factor of  $\frac{5}{8}$ .

$g(x) =$  \_\_\_\_\_

3)  $f(x) = 6x +$

$g(x) =$  \_\_\_\_\_

4)  $f(x) = -14x$

$g(x) =$  \_\_\_\_\_

5)  $f(x) = x - 1$

$g(x) =$  \_\_\_\_\_

6)  $f(x) = -5x - 4$  ; stretched vertically by a factor of 10.

$g(x) =$  \_\_\_\_\_

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