Transformation - Compression/Stretch

Write the transformed function.

1) $f(x) = 15x - 20$; compressed vertically by a factor of $\frac{1}{5}$.

    $g(x) =$_____

2) $f(x) = -9x - 9$; compressed horizontally by a factor of $\frac{3}{5}$.

    $g(x) =$____

3) $f(x) = 8x +$

    $g(x) =$____

4) $f(x) = -12x$

    $g(x) =$____

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

    $g(x) =$_____

6) $f(x) = -7x - 5$; stretched vertically by a factor of 7.

    $g(x) =$_____