

Evaluate the following expressions given $f(x) = 4x - 2$, $g(x) = 3x - 3$ and $h(x) = 8x + 10$

17) Find x if $f(x) = 2$

18) Find x if $g(x) = 12$

19) Find x if $h(x) = 10$

20) Find x if $f(x) = 1$

21) $f(3) + g(2)$

22) $f(-1) + h(3)$

23) $f(5^{\frac{1}{2}})$

24) $g(7^{\frac{2}{3}})$

25) Find x if $g(x) = f(x)$

26) Find x if $f(x) = h(x)$

Evaluate each function.

27) $k(a) = 4a + 2$; Find $k(a - 3)$

28) $h(t) = -2t + 2$; Find $h(-3t)$

29) $h(n) = 3n + 5$; Find $h(-4n)$

30) $h(x) = x^2 + 1$; Find $h\left(\frac{x}{4}\right)$

Write the ordered pairs that represents the following expressions.

31) $f(5) = 9$

32) $g(-3) = 7$