Functions Practice

Article 28: Right to education
Article 29: Goals for education

1. Given $f(x) = 6x - 5$, find:

$f(3)$ $f(-1)$

2. Given $f(x) = x^2 + 4$, find:

$f(2)$ $f(4)$ $f(-3)$

3. Given $h(a) = 12 - 2a$, find

$h(4)$ $h(6)$ $h(-2)$

Functions Practice

Article 28: Right to education
Article 29: Goals for education

1. Given f(x) = 5x - 2, find the value of x where f(x) = 13

2. Let g(x) = 4x - 3. Solve g(x) = 0.

3. Given g(x) = 1 - 2x, find the value of p where g(p) = 11

4. Let k(x) = 9x + 12. Solve k(a) = 48 for a.

5. h(x) = x^2 - 6. Write an expression for each of these:

       (a) 2h(x)   (b) h(2x)   (c) h(x) + 3

6. Functions f and g are defined by: f(x) = 3x + 1   g(x) = -x + 9

   Find the value of x where f(x) = g(x)