The questions in this series of worksheets appear frequently.

These are the GIFTS you must take to succeed

Functional Notation (Non Calculator)

1. If $f(x) = 3x - 4$ Evaluate: (a) $f(2)$ (b) $f(-1)$

2. If $f(x) = x^2 - 1$ Evaluate: (a) $f(4)$ (b) $f(-2)$

3. If $f(x) = 2x^3 + 3$ Evaluate: (a) $f(3)$ (b) $f(-1)$

4. If $f(x) = 3x^2$ Evaluate: (a) $f(5)$ (b) $f(-4)$

5. If $f(x) = 3x^2 - 1$ Evaluate: (a) $f(4)$ (b) $f(-2)$

6. If $f(x) = 7 - x$ Evaluate: (a) $f(3)$ (b) $f(-7)$

7. If $f(x) = 5 - x^2$ Evaluate: (a) $f(2)$ (b) $f(-3)$

8. If $f(x) = -x^3$ Evaluate: (a) $f(1)$ (b) $f(-4)$

9. If $f(x) = 4 + x^2$ Evaluate: (a) $f(5)$ (b) $f(-3)$

10. If $f(x) = 3 + 2x - x^3$ Evaluate: (a) $f(2)$ (b) $f(-1)$

APPLYING QUESTION

A function is defined as $h(x) = 24 - 5x$

(a) Evaluate $h(-3)$

(b) Express $h(p - 4)$ in its simplest form.

(c) Given that $h(t) = 59$, find the value of t.

(d) Solve $3x + 9 = 2h(x)$