

Sketch the following by using a table and answer the following questions.

- (a) Write down the domain.
- (b) Write down the range.
- (c) Find the coordinates of the turning point.
- (d) Does the function have a minimum or a maximum value?
- (e) Find the coordinates of the y -intercept.
- (f) Write down the equation of the symmetry axis.

(1) $f = \{(x ; y) / y = - 2x^2\}$

(2) $h(x) = x^2 + 3$

(3) $k : x \rightarrow 2 - x^2$

(4) $t(x) = 1 + 2x^2$

