

Properties of Quadratic Function

Find the properties of each quadratic function.

1) $f(x) = 4x^2 - 8x + 3$

2) $f(x) = -x^2 - 6x + 7$

Domain _____

Range _____

x-intercepts _____

y-intercept _____

Vertex _____

Minimum value _____

Axis of symmetry _____

Open up or down : _____

3) $f(x) = -3x^2 + 2x - 1$

Domain _____

Range _____

x-intercepts _____

y-intercept _____

Vertex _____

Maximum value _____

Axis of symmetry : _____

Open up or down : _____

Range _____

x-intercepts _____

y-intercept _____

Open up or down : _____

y-intercept _____

Minimum value _____

Axis of symmetry : _____

Open up or down : _____

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