

1. Find the domain, range, zeros, relative maxs and mins (if they exist) of:

$$f(x) = \sqrt{2-x}$$

2. Find the domain, range, zeros, relative maxs and mins (if they exist) of:

$$f(x) = e^x + 2$$

3. Find the domain, range, zeros, relative maxs and mins (if they exist) of:

$$f(x) = \sqrt{2+x}$$

4. Find the domain, range, zeros, relative maxs/mins (if they exist), and inc/dec interval(s) of:

$$f(x) = x^2 + 2x - 5$$

5. Find the domain, range, zeros, relative maxs and mins (if they exist) of:

$$f(x) = \frac{x-2}{x-3}$$

6. Find the domain, range, zeros, relative maxs and mins (if they exist) of:

$$f(x) = -x^2 - 2x + 5$$

7. Find the domain, range, zeros, relative maxs/mins (if they exist), and inc/dec interval(s) of:

$$g(x) = x^3 - 4x + 4$$