Finding the Domain Algebraically

NAME:

YOU MUST SHOW WORK FOR EACH PROBLEM

1.) $f(x) = \dfrac{1}{x-4}$

6.) $m(x) = \sqrt{x-5} - \dfrac{x+1}{x-10}$

2.) $g(x) = \sqrt{x-4}$

7.) $f(x) = \dfrac{3x-1}{2x^2+7}$

3.) $f(x) = \sqrt{x-7} + \sqrt{7-x}$

8.) $t(x) = \dfrac{2x-3}{3x+5}$

5.) $p(x) = \sqrt{4x-x^2}$

10.) $t(x) = \dfrac{1}{\sqrt{x^2-4}-3}$