MTH112
Quiz Domain Range
Find the Domain and range of the following:
Use your calculators to help as necessary Try to use interval notation, but English is ok as last resort.

1) $f(x)=x^{2}-5$
$\mathrm{D}=$ $\qquad$
$\mathrm{R}=$ $\qquad$
2) $g(x)=\sqrt{X-4}$
$\mathrm{D}=$ $\qquad$
$\mathrm{R}=$ $\qquad$
3) $f(x)=\frac{1}{x^{2}-4}$
( Hint : Use Zdecimal for Zoom)
$\mathrm{D}=$ $\qquad$
$\mathrm{R}=$ $\qquad$
4) $f(t)=t^{3}-3 t$
$\mathrm{D}=$ $\qquad$
$\mathrm{R}=$ $\qquad$

Name $\qquad$
5) Find the domain and range of this function.

Assume a 1 scale
$\mathrm{D}=$ $\qquad$

$\mathrm{R}=$ $\qquad$
6) Given the following table for an unidentified function, what can you say about the domain?

7) Find the domain and range of this piecewise function. Assume a 1 scale.

$\mathrm{D}=$ $\qquad$
$\mathrm{R}=$ $\qquad$

