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

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

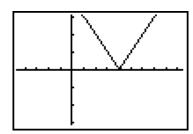
3) 
$$f(x) = \frac{1}{x^2 - 4}$$

( Hint: Use Zdecimal for Zoom)

4) 
$$f(t) = t^3 - 3t$$

Name			

5) Find the domain and range of this function. *Assume a 1 scale* 



6) Given the following table for an unidentified function, what can you say about the domain?

X	ĮΥ <sub>1</sub>	
Ò	1.3333	
0123456	5 -1	
3	ERROR	
3	.5	
6	.33333	
X=0		

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

