

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

D = _____

R = _____

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

D = _____

R = _____

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

(Hint : Use Zdecimal for Zoom)

D = _____

R = _____

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

D = _____

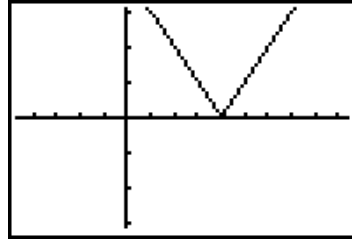
R = _____

Name _____

5) Find the domain and range of this function.

Assume a 1 scale

D = _____



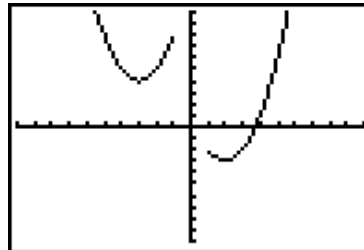
R = _____

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

X	Y1
0	-.3333
1	-.5
2	-1
3	ERROR
4	1
5	.5
6	.33333

X=0

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



D = _____

R = _____