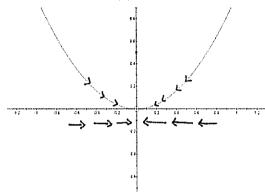
NAME: __SOLUTIONS

QUIZ 1

Calculus 1 for Electrotech (201-NYA-DW 07)

Instructor: Emilie Richer Date: January 20th 2010

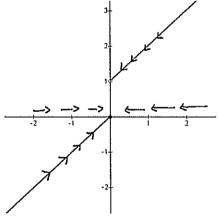
1 – As the x value approaches 0 what does the y value seem to approach?



AS & VALUES APPROACH O y values seem to approach o as well

2 - i) As the x value approaches 0 what do the y values seem to approach?

ii) Is there a difference in the y value if you approach x = 0 from the left side or the right side?

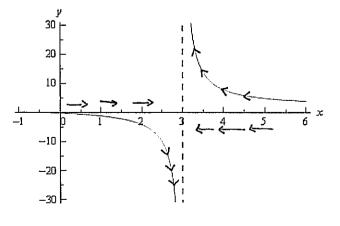


(ii) FROM LEFT O FROM RIGHT 1

3 - i) As the x value approaches 3 what do the y values seem to approach?

ii) Are the y values approaching a fixed value or do they seem to be continuously changing?

iii) Is there a difference in the y-value if you approach x = 3 from the left side or the right side?



(i) They seem to be
"Exploding" towards
00 & -00

(ii) They are not approaching
A FIXED Value

(iii) FRONL LEFT Y MOVES LOWNWARDS FROM RIGHT Y MOVES UPWARDS