Notes:

LINEAR INFQUALITIES

SOLVE 3x-2<3

- 1) A00 2 TO BOTH SIDES 3x <5
- 2) DIVIONE BOTH SIDES BY3

 X < 3/5

LINEAR WE GUALITIES ?

SOLVE -3x-2<3

- 1) ADD 2 TO BOTH SIDES -3x < 5
- S- KB SECUS 15708 EULIO(E SMOUND WEHM < CT > PAWS) (238muy EULABEM A BB

x >5/3

LINEAR INEQUALITIES 3

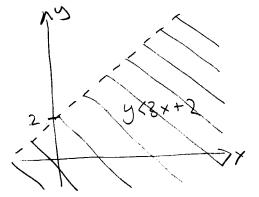
PLOT y < 3x + 2

- 1) PLOT y = 3x + 2(GRADICUT = 3) (INTERCEPT = 2)
- 2) THE LINE IS DASHED AS THE INFOUNDINES IS STRUCT
- 3) DOES THE POINT (0,0) SATISMY THE INEQUALITY

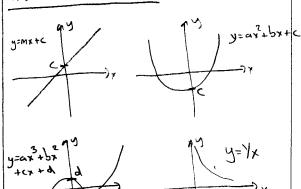
- CHECK BY SUBSTITUTION

 O < 3.0 + 2

 SO YES
- 4) PLOT IT (THE FINE)
 REGION CONTAINS POINT (GO)



HARDER GRAPHS



Comments: