$X_{MIN} = -10$

$X_{MAX} = 10$

$Y_{MIN} = -10$

$Y_{MAX} = 10$

$(x-3)(x+1)$

6. $y = \dfrac{x^2-2x-3}{x-2}$

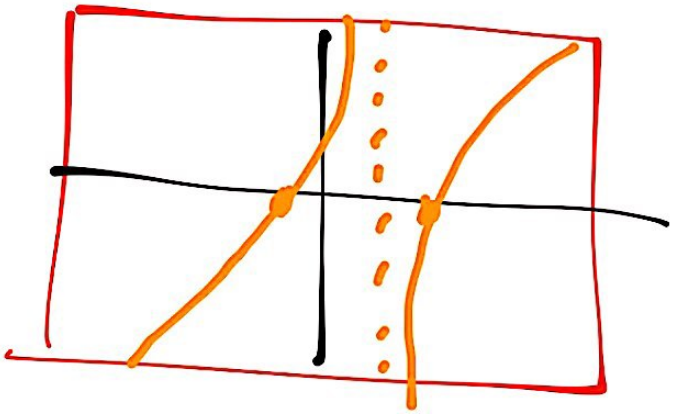
VA $x=2$

Holes NO

x-int $(3,0)$ $(-1,0)$

y-int $(0, 3/2)$

HA NO



7. $y = \dfrac{x+1}{(x-3)^2}$

VA $x=3$

Holes NONE

x-int $(-1,0)$

y-int $(0, 1/9)$

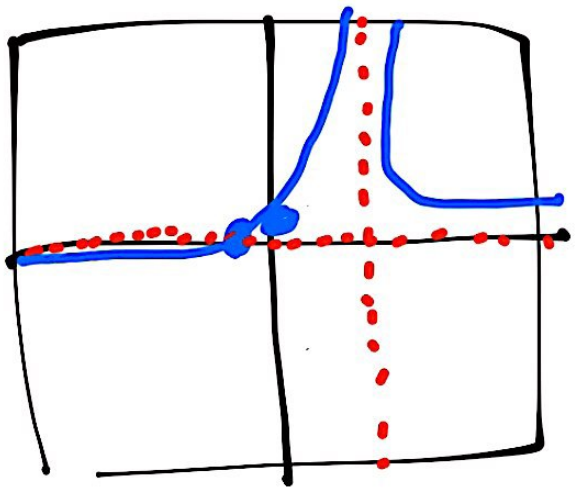
HA x-axis

$X_{MIN} = -10$

$X_{MAX} = 10$

$Y_{MIN} = -10$

$Y_{MAX} = 10$



8. $y = \dfrac{x-4}{-4x-16}$

$-4(x+4)$

$4(-x-4)$

VA $x=-4$

Holes NONE

x-int $(4,0)$

y-int $(0, 1/4)$

HA $y = -\frac{1}{4}$

$X_{MIN} = -10$

$X_{MAX} = 10$

$Y_{MIN} = -10$

$Y_{MAX} = 10$