



2. Find the x-intercept(s) of the rational function  $f(x) = \frac{3x-7}{2x+5}$ . Show all of your work, and write your answer as **ordered pair(s)** in the answer box below.

Answer:

3. For each rational function below, write the equation of the horizontal asymptote in the answer box, if it has one. If it does not have one, write "No HA" in the answer box.

a)  $f(x) = \frac{3x^7+7x^2+2x-1}{5x^3+4x-9}$

Answer:

b)  $f(x) = \frac{3x^3+7x^2+2x-1}{5x^3+4x-9}$

Answer:

c)  $f(x) = \frac{3x^2+2x-1}{5x^3+4x-9}$

Answer:

d)  $f(x) = \frac{3x^3+7x^2+2x-1}{5x^2+4x-9}$

Answer: