

Test Practice

1) $\frac{6}{2n} + \frac{4}{4n^2 - 6n}$ $\left(\frac{1}{3} - \left(\frac{1}{4}\right)^3\right)$

$\frac{12n - 18}{2n(2n-3)} + \frac{4}{2n(2n-3)} = \frac{12n - 14}{2n(2n-3)}$

$\frac{2(6n-7)}{2n(2n-3)}$

2) $\frac{(5n+4)4n}{(n-3)} - \frac{3(n-3)}{(5n+4)}$

$\frac{20n^2 + 16n}{(n-3)(5n+4)} - \frac{3(n-3)}{(5n+4)}$

$\frac{20n^2 + 16n - (3n-9)}{(n-3)(5n+4)}$

$\frac{20n^2 + 13n + 9}{(n-3)(5n+4)}$

~~$\frac{180}{13}$~~

3) $\frac{7n(n-10)}{(n-10)(n+8)} \cdot \frac{2(n+8)}{7n}$

$\frac{2}{1}$

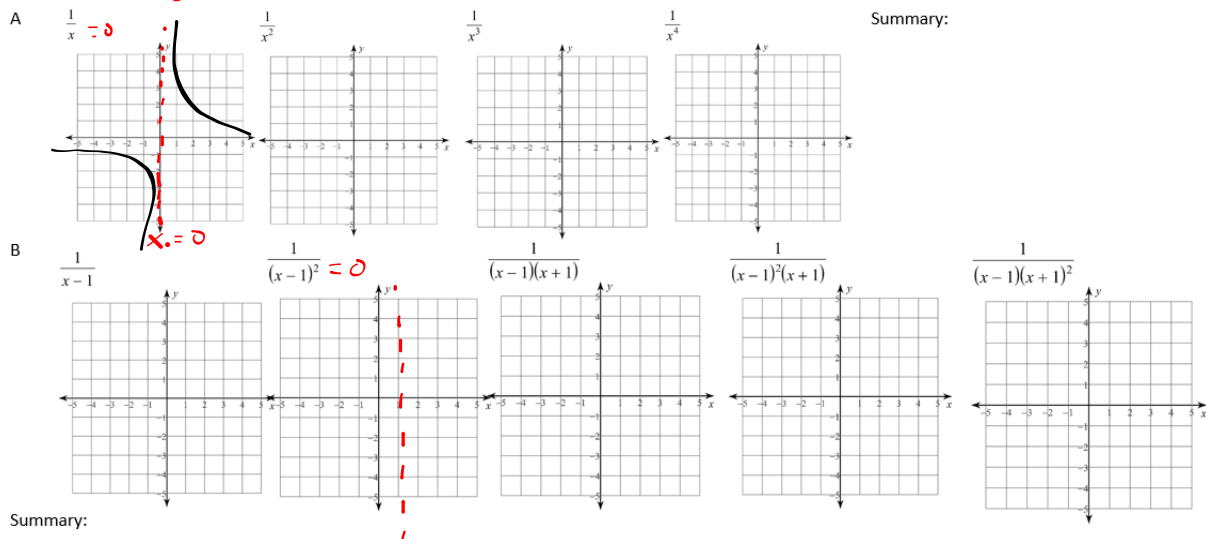
4) $\frac{(p^2 - 7p - 8)(p^2 + 4p - 60)}{(10p^3 - 80p^2)(10p^3 - 60p^2)}$

$\frac{(p-8)(p+1)(p+10)(p-6)}{10p^2(p-8)(p+10)(p-6)}$

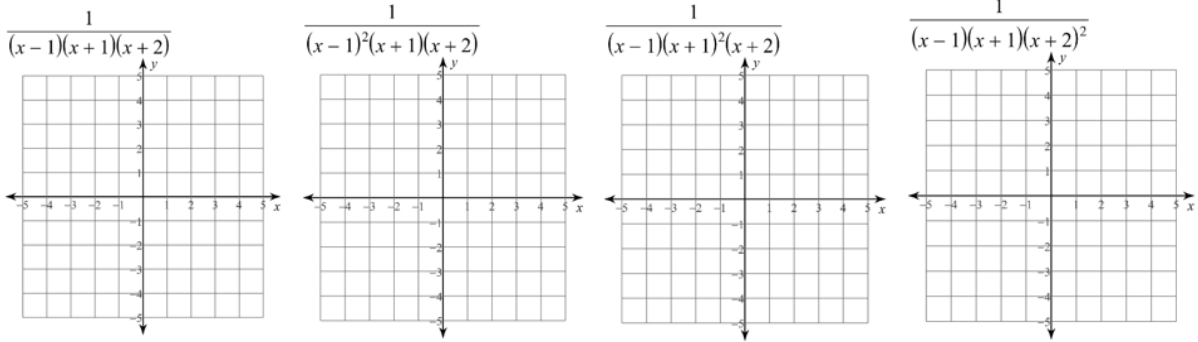
$\frac{p+1}{p+10}$

Graphing Rational Functions Exploration (with calculator)

Name _____ Period _____

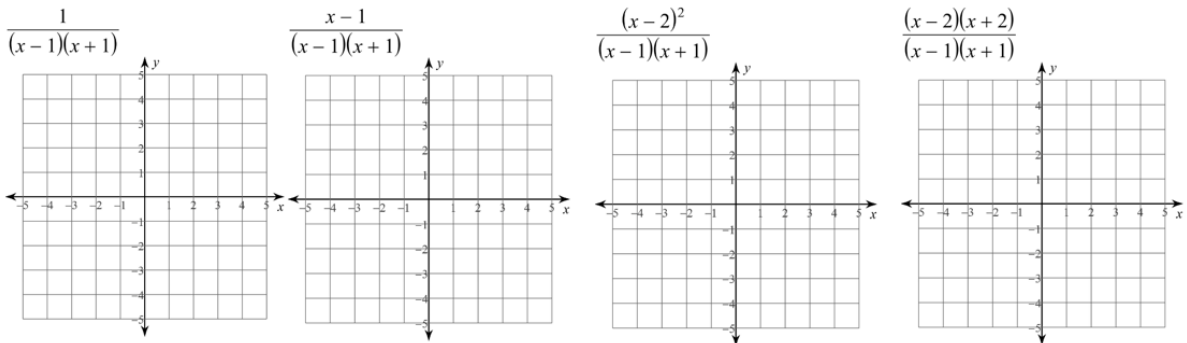


C



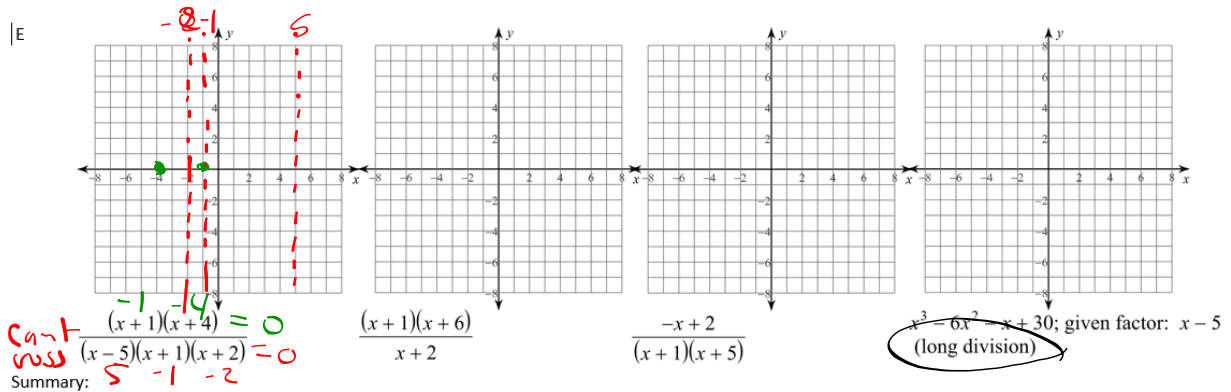
Summary:

D



Summary:

E



Summary: