3d) 
$$2x^{4} + 5x^{3} + 4x^{2} \times -10=0$$
  $\frac{\pm 1^{2}z^{2}5 \pm 10}{\pm 2}$ 
 $|x=|$ 
 $|x=|$ 

```
Find original eq.

Kouts: 2, \pm 5i

X = 2

X = 5i

X = -5i

X = -5i
    X-2=0 X-5i= X+5i=0
      (\chi-\chi)(\chi-Si)(\chi+Si)=0
       (x-2) (x2+25/22)
        ( X- x) (X, +92)
          オースズナスタベータロニの
```

Like (6(a) 
$$\frac{4}{x-2} + \frac{3}{x+3} = \frac{2x+3}{x^2+x-6}$$
 (heights)  $\frac{4}{x+3} = \frac{2}{x+3}(x-2)$  (heights)  $\frac{4}{x+2-3}$  (b)  $\frac{4}{x+3} = \frac{2}{x-3}(x-2)$  (Make common denom)

PRACTICE (x)  $\frac{4}{x+3} = \frac{2}{x-3}(x-2)$  (x)  $\frac{4}{x+3}(x-2)$  (x)

8/ Pull but common factors?

$$6x^{2}(x+9)^{-2}(2x+7)^{\frac{1}{2}} \xrightarrow{30x(x+9)^{-1}(2x+7)^{-1/2}} \\
 = (2x+7)^{\frac{1}{2}} \left[ (2x+7)^{\frac{1}{2}} \left[ x (2x+7)^{\frac{1}{$$