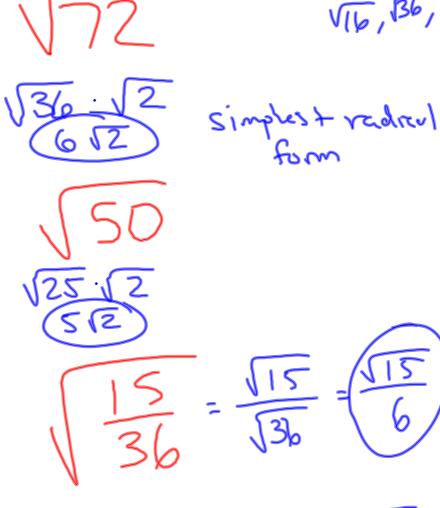
7D.  $\frac{5^{-\frac{5}{4}}}{5^{-\frac{7}{4}}} = \frac{1}{5^{-\frac{7}{4}}} = \frac{1}{5^{-\frac{7}{4}}}$ 96.  $5\sqrt{3}a = ((3a)^{\frac{1}{7}})^{\frac{1}{5}} = ($ 94.  $3\sqrt{2x} \neq (2x)^{\frac{1}{2}} = (2x)^{\frac{1}{6}}$ 86.  $\left(\frac{3m^{4}n^{4}3}{4n^{-2}5}\right)^{2}$ = 7 = + + 6 m 2/6 n 3 2 3 ( / J 6-10/

5.3 Simplifying Radicals Multiplicative Property of Radicals: (ab -ya.yb Division Property of Radicals  $\sqrt{\frac{p}{a}} = \frac{\sqrt{p}}{\sqrt{a}}$ perfect squares. JO, JT 14 19 J16 J25 136, 149, 164, 181, 100, RI, J144, J169, J196, RZS

14,59,525, V16,136,



38327 3643/25

3 38.3 5 2:3

)

Removing vanable factors

divide at as many possible of leave the remaindars in the (DDt.

 $4\sqrt{X^{s}} = \chi^{\frac{s}{4}} = \chi' + \chi'$  $= \chi + \chi'$ 

 $\forall \left( \chi^{\gamma} = \chi^{\frac{1}{4}} - \chi \forall \chi^{3} \right)$ 

 $\sqrt{25x^{3}} = \sqrt{25x^{3}}$   $= 5x\sqrt{x}$ 

V72 X Y X Y V72 X Y X Y Z 136.12 X2VX Y 6X2YV2X

3 54×345