

$$\frac{\frac{a}{2}}{\frac{a^2}{4}} \qquad \frac{a}{2} \div \frac{a^2}{4}$$

$$\frac{1}{1} \cdot \frac{4}{a^2} \cdot \frac{a}{2}$$

$$\frac{2}{a}$$

Feb 12-12:25 PM

$$\frac{\frac{18p}{8p-2}}{\frac{4p^2}{4p-1}}$$

$$\frac{18p}{8p-2} \div \frac{4p^2}{4p-1}$$

$$\frac{9 \cancel{18} p}{2(4p-1)} \cdot \frac{\cancel{4} p^2}{\cancel{1} p}$$

$$\frac{9}{4p}$$

Feb 12-12:30 PM

$$\frac{\frac{b+2}{b^2+6b+8}}{b^2-b-20}$$

$$\frac{\cancel{(b+2)}}{\cancel{(b+4)}\cancel{(b+2)}} \cdot \frac{\cancel{(b+4)}(b-5)}{1}$$

$$\text{b-5}$$

Feb 12-12:36 PM

$$\frac{\frac{(15-15r)}{15r^2}}{12r-12}$$

$$\rightarrow \frac{\cancel{15}(1-r)}{\cancel{15}r^2} \div \frac{12(r-1)}{1}$$

$$\frac{\cancel{1}r}{r^2} \cdot \frac{1(-1)}{12\cancel{(r-1)}}$$

$$= \frac{1}{12r^2}$$

Feb 12-12:40 PM

$$\frac{\frac{b^2}{b^2} \frac{1}{a^2} - \frac{1}{b^2} \frac{a^2}{a^2}}{\frac{a}{a} \frac{1}{b} + \frac{1}{a} \frac{b}{b}} \rightarrow \frac{b^2 - a^2}{a^2 b^2} \cdot \frac{a+b}{ab}$$

Don't Kill Kittens

~~$\frac{b^2 - a^2}{ba}$~~

$\frac{b-a}{ab}$

Feb 12-12:47 PM

$$\frac{\frac{m}{n} - \frac{1}{1} \frac{n}{n}}{\frac{m}{n} + \frac{1}{1} \frac{n}{n}} \rightarrow \frac{m-n}{n} \cdot \frac{n}{m+n} = \frac{m-n}{m+n}$$

Feb 12-12:55 PM