April 27, 2016

$\frac{abx}{1}\left(\frac{1}{a}+\frac{1}{b}=\frac{1}{x}\right)$; solve for x

$bx + ax = ab$

$\frac{x(b+a)}{(b+a)} = \frac{ab}{(b+a)}$

$x = \frac{ab}{b+a}$

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$24\left(C=\frac{D(A+1)}{24}\right)$ for A

$24C = D(A+1)$

$24C = DA + D$

$-D \quad\quad -D$

$\frac{24C-D}{D} = \frac{DA}{D}$

$\frac{24C-D}{D} = A$

$\frac{24C}{D} = A+1$

$-1 \quad\quad -1$

$\frac{24C}{D} - 1 = A$

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$\frac{24C-D}{D} = \frac{24C}{D} - 1$

$\frac{a \pm c}{b} = \frac{a}{b} \pm \frac{c}{b}$

$\frac{24C}{D} - \frac{D}{D}$

$\frac{24C}{D} - 1$

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$\frac{24C}{D} - \frac{1}{1} = \frac{24C-D}{D}$

$\frac{24C - D}{D}$

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$h^2\left(B=\frac{705w}{h^2}\right)$; for w

$\frac{h^2B}{705} = \frac{705w}{705}$

$\frac{h^2B}{705} = w$

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$h^2\left(B=\frac{705w}{h^2}\right)$; for h

$\frac{h^2B}{B} = \frac{705w}{B}$

$h^2 = \frac{705w}{B}$

$h = \pm\sqrt{\frac{705w}{B}}$

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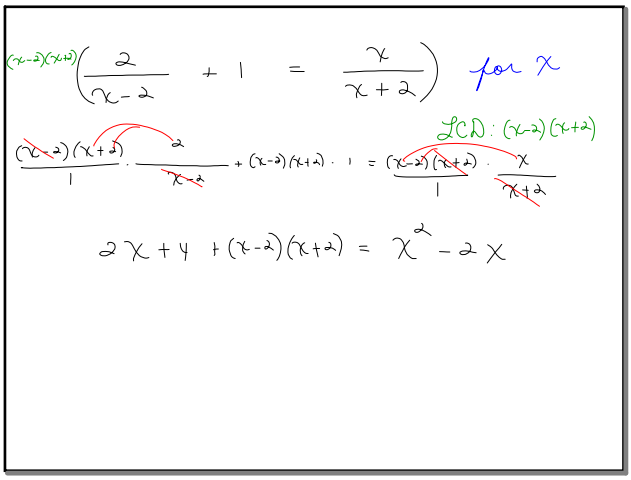
$(x-2)(x+2)\left(\frac{2}{x-2}+1=\frac{x}{x+2}\right)$ for x
LCD: $(x-2)(x+2)$
$\frac{(x-2)(x+2)}{1}\cdot\frac{2}{x-2}+(x-2)(x+2)\cdot 1=\frac{(x-2)(x+2)}{1}\cdot\frac{x}{x+2}$
$2x+4+(x-2)(x+2)=x^2-2x$

Apr 27-9:46 AM